JoomION Scroll2Top

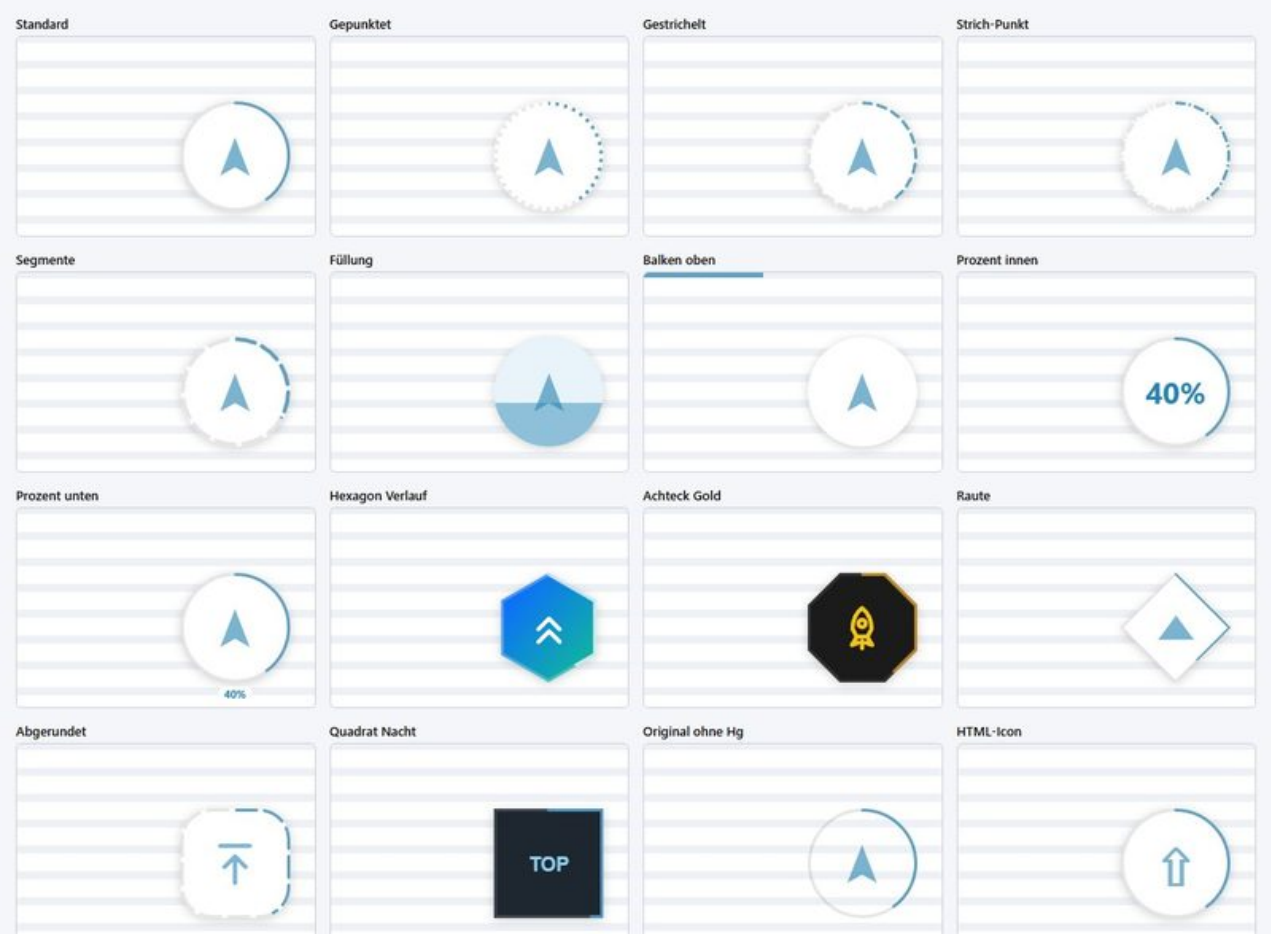
Manual · Floating back-to-top button with a fully customisable scroll progress indicator and live preview (Joomla 5/6)

1. Overview

The system plugin **JoomION Scroll2Top** shows a floating **back-to-top button** on every page of the site as soon as the visitor has scrolled down a little. Around the button a **progress indicator** shows how much of the page has been read – as a ring, as segments, as a fill from the bottom, as a bar at the top or bottom of the screen, or as a percentage. A click scrolls smoothly back to the top or to a freely selectable **jump target**.

Every setting is shown instantly in a **live preview** in the backend – even before saving. The plugin works without jQuery and without external libraries.

The package contains two parts: the **plugin** “System – JoomION Scroll2Top” for the default settings of the whole site and the **module** “JoomION Scroll2Top”, which overrides appearance, icon, progress as well as jump target and position on individual pages.



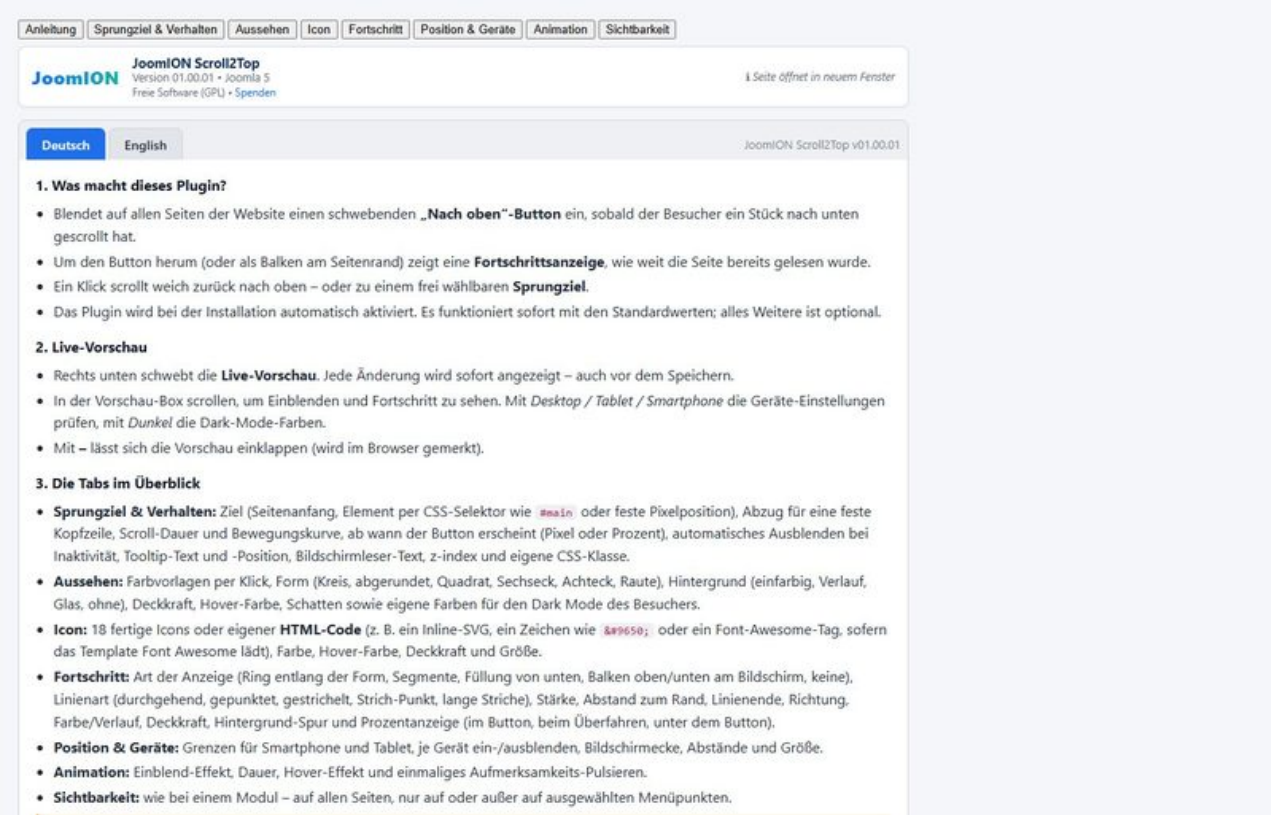
Examples: different shapes, line styles and progress indicators

2. Installation

1. Upload `pkg_JoomION-Scroll2Top_xx_xx_xx.zip` via **System** → **Extensions** → **Install** (installs plugin and module in one step).
2. The plugin is **enabled automatically**. After installation a message with the buttons **“Configure plugin now”** and **“Create page module”** appears.

3. If you already have the standalone plugin up to 01.00.02, simply install the package on top – your settings are kept and updates then come through the package.
4. The button appears on the site right away with the default settings. Everything else is optional.

The **Guide** tab provides an overview in German and English directly inside the plugin.



The “Guide” tab with the JoomION bar and DE/EN switch

3. Live preview

The **live preview** floats in the bottom-right corner of the plugin form. Every change is drawn instantly – with exactly the same code that runs on the site. Scroll inside the preview box to see the fade-in and the progress.

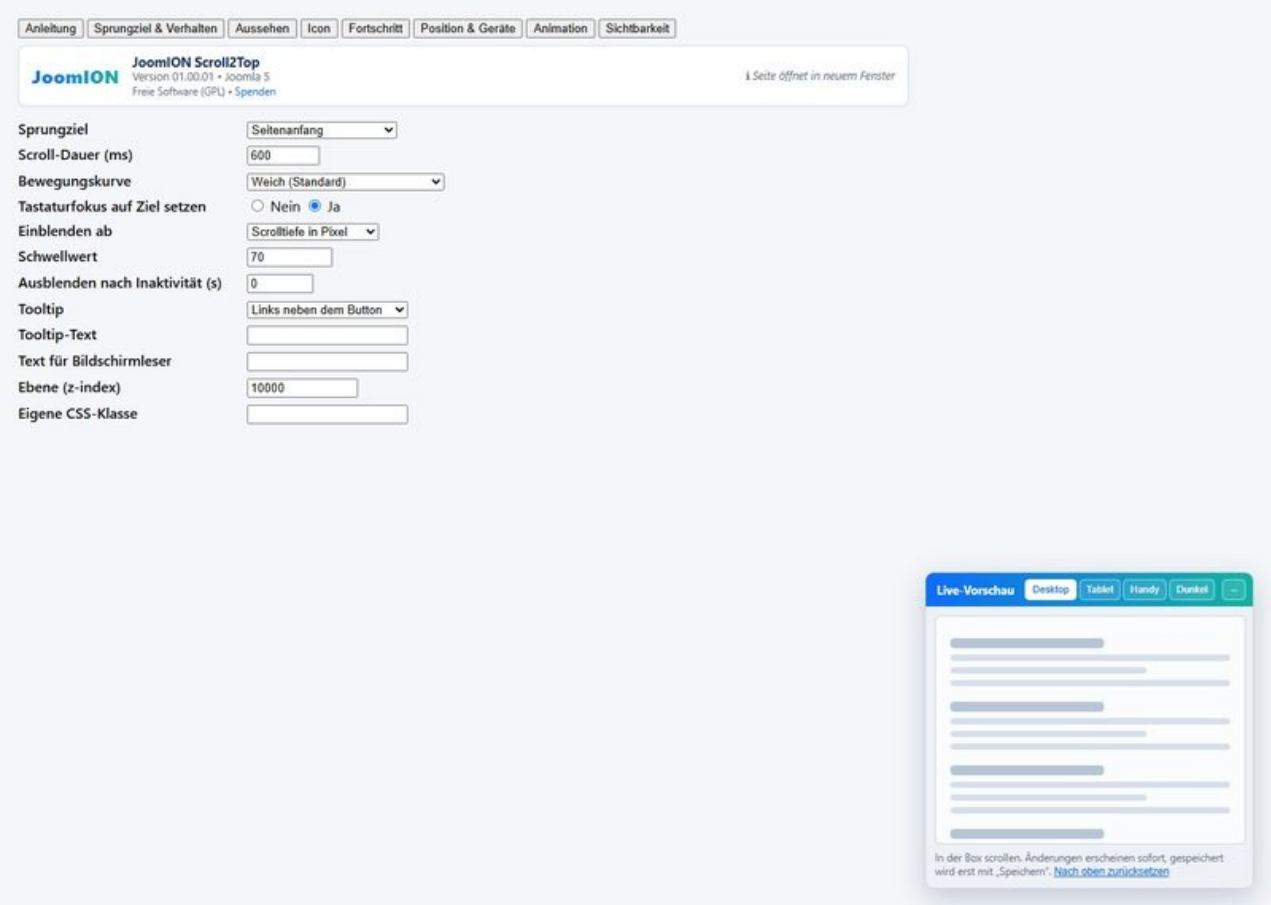
- **Desktop / Tablet / Phone:** shows the respective device settings (position, offset, size).
- **Dark:** shows the dark-mode colours (if enabled in the “Appearance” tab).
- ■ resets all fields of the form to their defaults after a confirmation – nothing is stored until you click “Save”.
- – collapses the preview; the state is remembered in the browser.
- On narrow screens the preview sits in the form instead of floating.

So that the small preview box reacts immediately, it shows the button after a short scroll distance. On the website the configured threshold applies.

4. Jump target & behaviour

- **Jump target:** top of page, an element via **CSS selector** (e.g. `#main` or `header`) or a fixed pixel position. If the element is not found, the page scrolls to the top.
- **Sticky header offset:** height of a fixed header so the target does not disappear beneath it.
- **Scroll duration and easing curve:** 0 ms = jump instantly; five curves from linear to a slight overshoot. A mouse-wheel turn or a touch cancels the scrolling immediately.
- **Show after:** scroll depth in pixels or in percent of the page length.

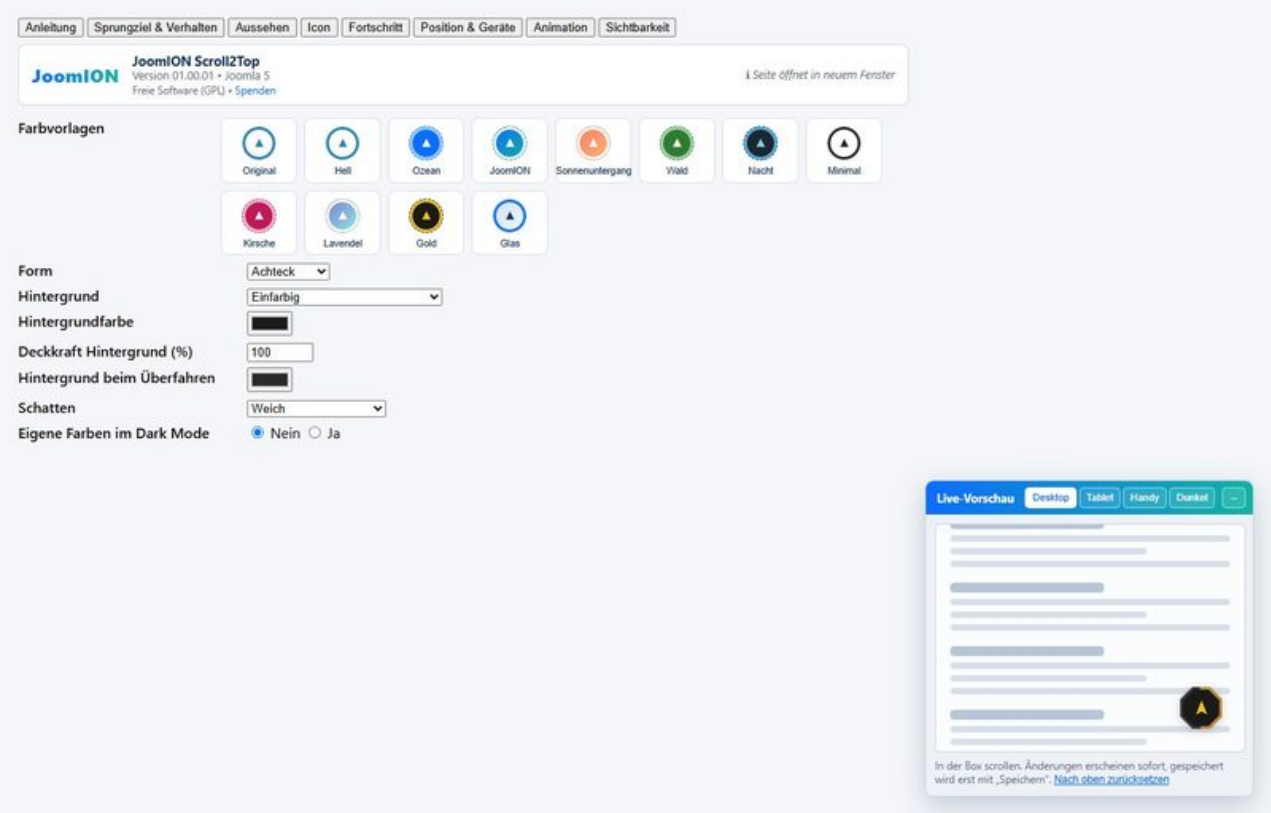
- **Hide after inactivity:** the button disappears after x seconds without scrolling and returns on the next scroll (0 = never).
- **Hide at the end of the page:** the button disappears once the visitor is within an adjustable distance (default 80 px) of the end of the page – e.g. so the footer stays clear.
- **Tooltip:** left, right, top, bottom, browser tooltip or off; custom text possible. If the tooltip would point off-screen it is flipped to the other side automatically.
- **Screen-reader label**, **z-index** and a **custom CSS class**.



The “Jump target & behaviour” tab

5. Appearance

- **12 colour presets** (Original, Light, Ocean, JoomION, Sunset, Forest, Night, Minimal, Cherry, Lavender, Gold, Glass) – one click fills all colours, then adjust freely.
- **Shape:** circle, rounded (adjustable corner radius), square, hexagon, octagon, diamond.
- **Background:** solid, gradient (two colours, angle), glass (translucent, blurred) or none; opacity and hover colour.
- **Shadow:** soft, strong, glow in ring colour or none.
- **Dark mode:** separate colours for background, icon, progress and track when the visitor uses the dark mode of their system.



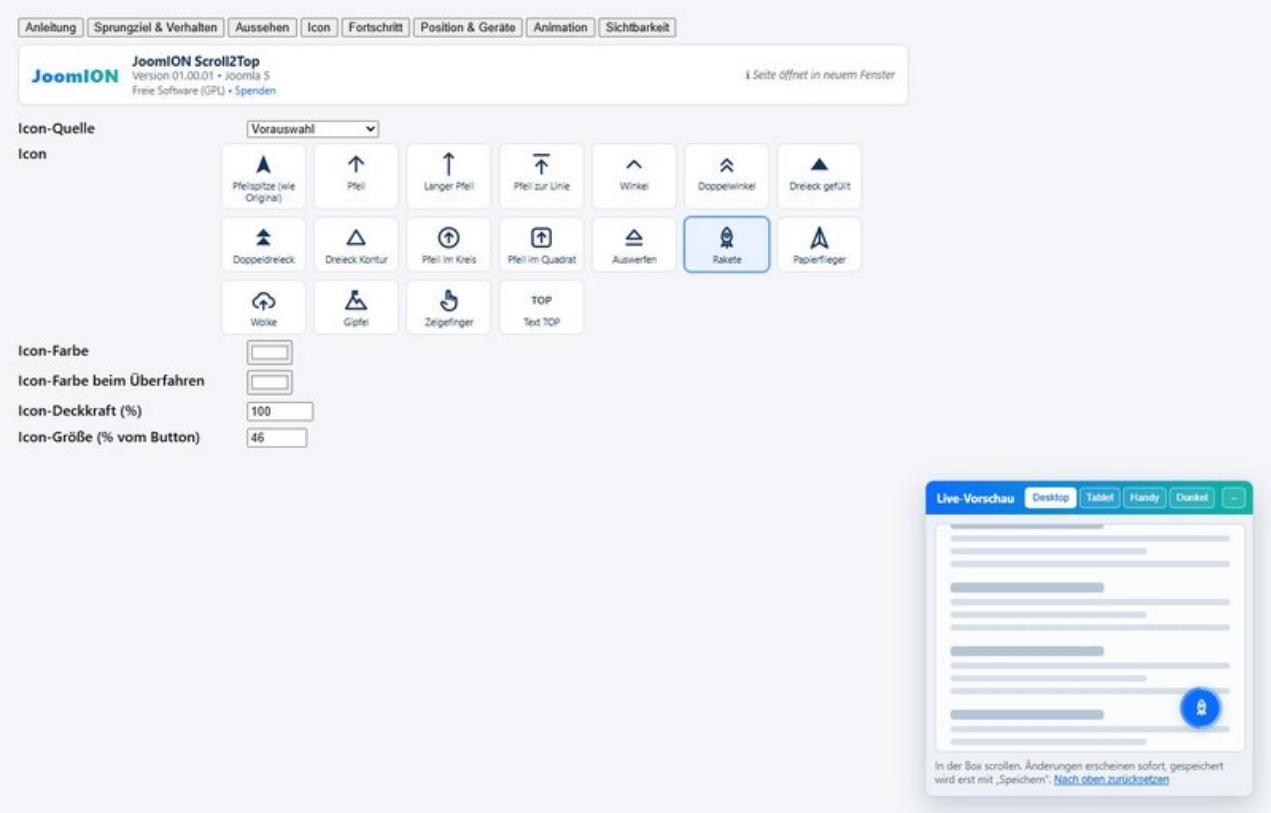
The “Appearance” tab with colour presets and live preview (“Gold” preset, octagon)

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6. Icon

18 ready-made icons (including the arrowhead like the original, arrow, double chevron, triangle, arrow in circle, rocket, paper plane, cloud, pointing finger, text “TOP”) or your own **HTML code** – for example an inline SVG, a character such as `▲` or a Font Awesome tag if your template loads Font Awesome. Plus icon colour, hover colour, opacity and size.

For security reasons your own icon HTML is filtered: scripts, event attributes (e.g. `onclick`) and unsafe URLs are removed. Simple inline elements, images and basic SVG shapes are allowed.

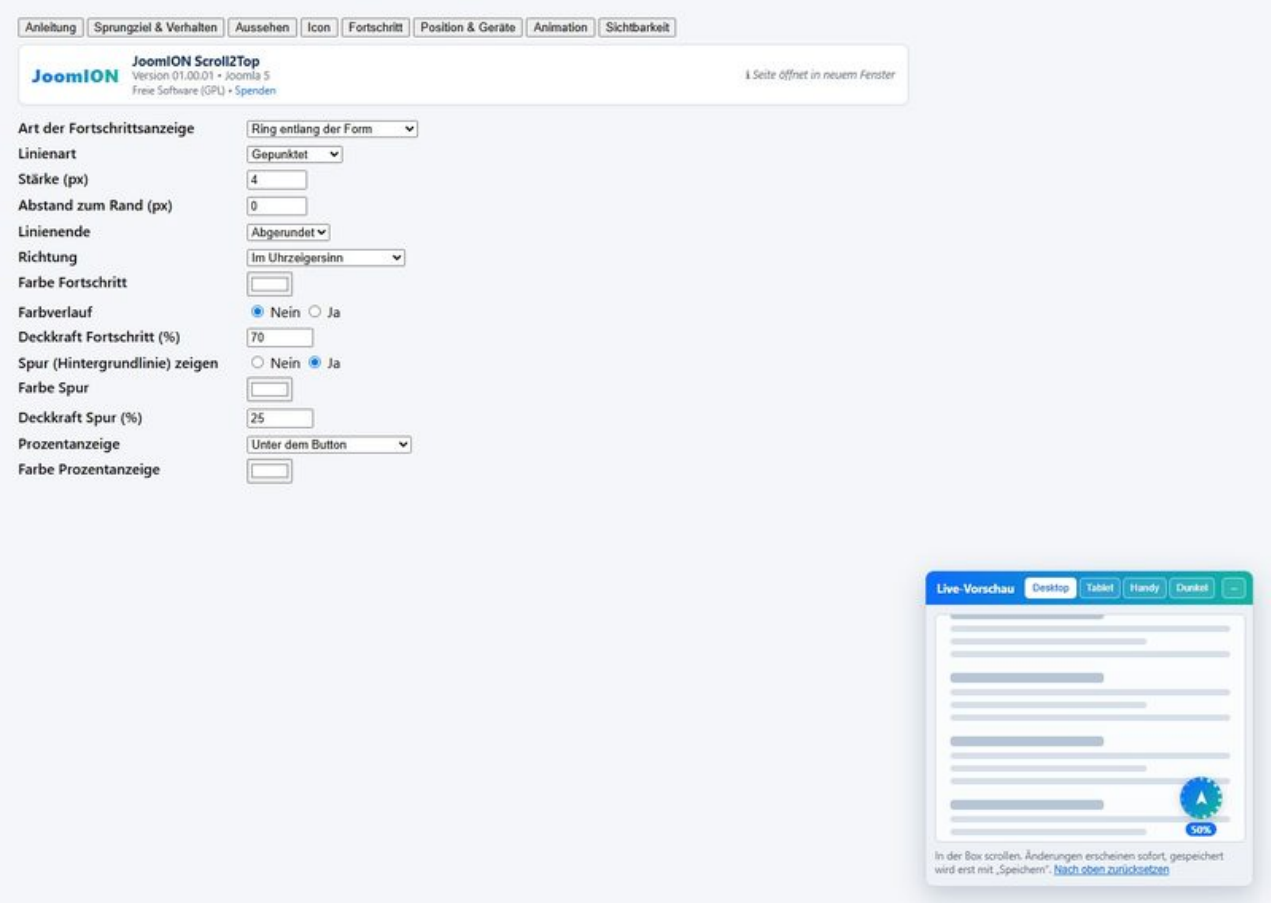


The “Icon” tab with the icon picker (“Ocean” preset, “Rocket” icon)

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7. Progress indicator

- **Type:** ring following the shape, segments (fill step by step), fill from the bottom, bar at the top or bottom of the screen, none.
- **Line style:** solid, dotted, dashed, dash-dot, long dashes – the pattern always runs around the shape without a break.
- **Width, gap to edge, line cap** (round/flat) and **direction** (clockwise/counter-clockwise).
- **Colour** or **gradient**, opacity and the **track** (the full background line) with its own colour and opacity.
- **Percentage display:** inside the button instead of the icon, on hover instead of the icon, or below the button.



The “Progress” tab: dotted ring with percentage below the button

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8. Position & devices

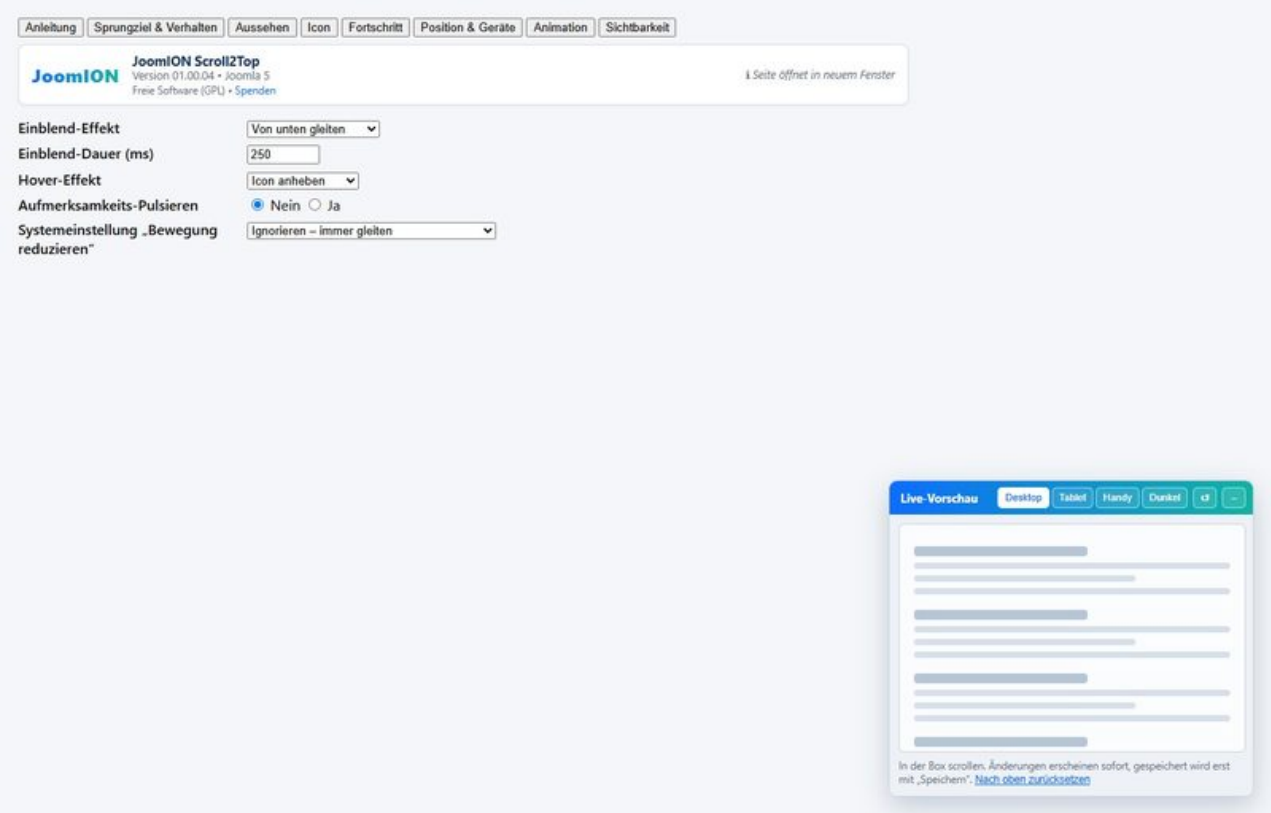
Breakpoints for smartphone and tablet in pixels (default up to 599 px / up to 991 px, above that desktop). Separately for **desktop, tablet and smartphone**: show/hide, screen position (eight positions), side offset, top/bottom offset and size in pixels.

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9. Animation

- **Entrance effect:** slide up, fade, zoom, slide in from the side, flip, bounce, none – with adjustable duration.
- **Hover effect:** lift icon (like the original), grow, rotate icon, pulse, bob icon or colour change only.
- **Attention pulse:** three times when it first appears.
- **System setting “reduce motion”:** *Ignore* (default) – the button always glides. *Respect* – if “reduce motion” is active in the operating system (Windows: Settings → Accessibility → Visual effects → Animation effects off), the page jumps without gliding and without effects.

The speed of gliding up is set in the **Jump target & behaviour** tab under **Scroll duration** (larger = slower, e.g. 1200 ms). The **entrance duration** in the Animation tab only affects how the button appears.



The “Animation” tab with the “reduce motion” setting

10. Visibility

Just like a Joomla module: on all pages, only on selected menu items or on all except the selected ones. The button is not output in popups (`tmpl=component`) and print views.

11. Save and load settings as a theme

The **Themes** tab lets you save the current settings under a name and load them again later – handy for seasonal colours, variants to compare or as a backup before bigger changes. A theme contains jump target & behaviour, appearance, icon, progress, position & devices and animation. **Visibility** (menu items) is not part of it and stays unchanged when loading.

- **Save:** enter a name and click **“Save current settings as theme”**. If the name already exists, a window asks whether to overwrite the theme.
- **Load:** after confirming, the theme values appear at once in the form and the live preview. Nothing is stored until you click **“Save”**; “Close” discards it.
- **Delete:** removes the theme from the list after confirming.
- **Export:** downloads the theme as a JSON file (e.g. `scroll2top-Company-colours.json`).
- **Import:** use **“Choose file …”** to read an exported JSON file – also from another website. If the name already exists, “(2)” is appended.

New, deleted and imported themes are stored only when you click **“Save”**. On saving, the server checks every value like a normal setting; unknown values and unsafe icon code are removed. At most 50 themes.

12. Reset all settings

The last tab, **Reset**, resets **all** plugin settings to the values after the first installation with one click and **saves immediately** – every tab including the menu item selection.

1. Open the **Reset** tab and click **“Reset all settings …”**.
2. A red warning window explains that all your own values will be lost and that the step can **not be undone**.
3. Only after ticking **“I understand …”** can you click **“Yes, reset everything and save”**. **Cancel** (or Esc) closes the window without any change.

Not affected: status (enabled/disabled), access level, ordering, the saved themes and all “JoomION Scroll2Top” page modules.

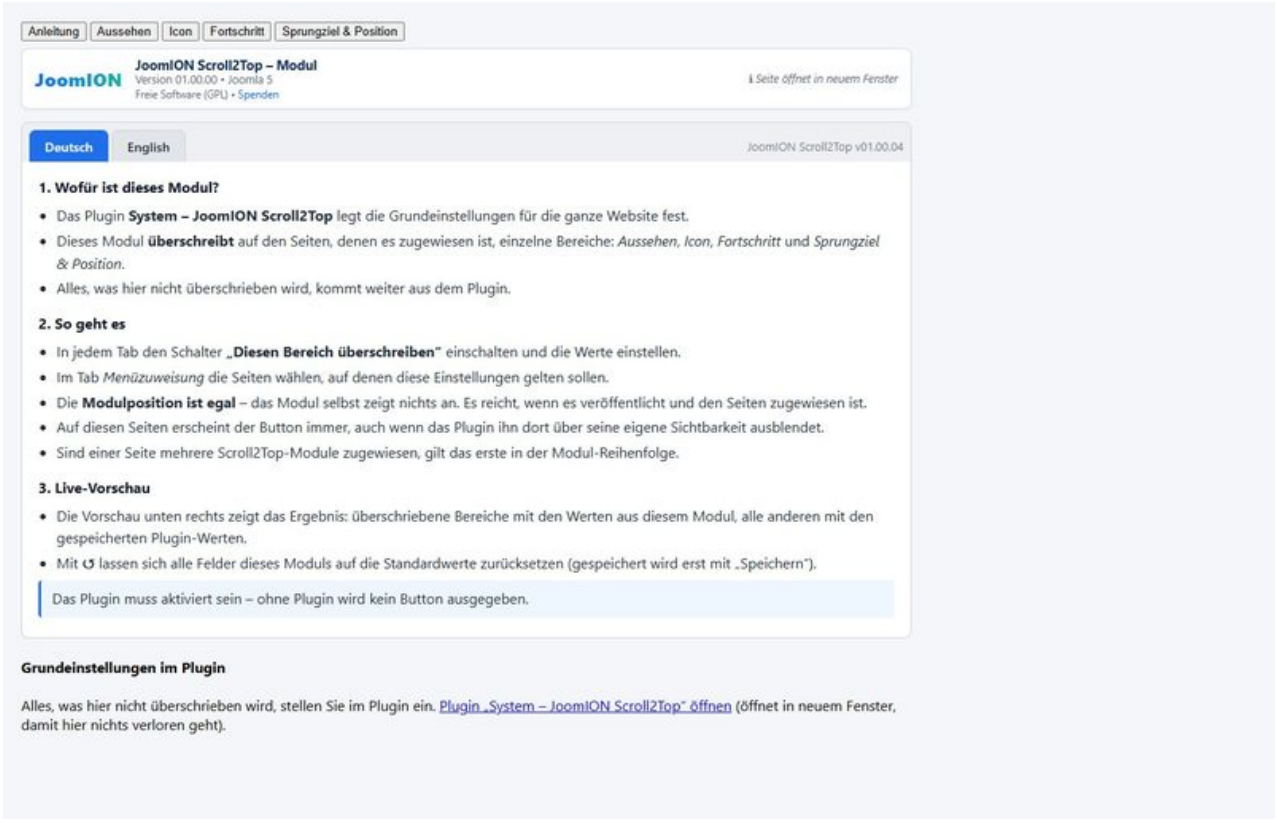
Just experimenting? The ■ in the live preview resets the fields in the form only – nothing is stored until you click “Save”, and “Close” discards it.

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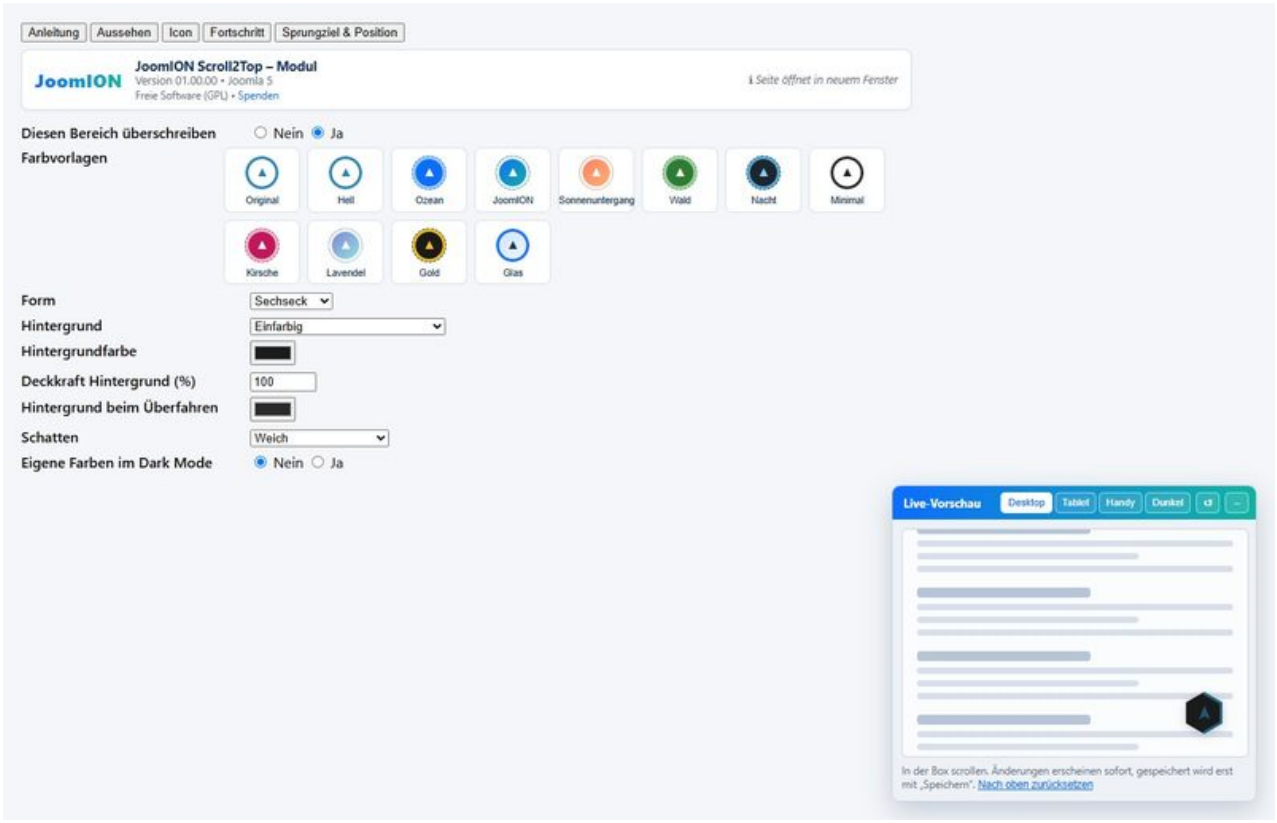
13. Module: different settings for individual pages

1. Choose **Content** → **Site Modules** → **New** → **JoomION Scroll2Top** (or use the “Create page module” button after installation or the link in the plugin’s “Visibility” tab).
2. In the **Appearance**, **Icon**, **Progress** and **Jump target & position** tabs switch on **“Override this area”** and set the values. Areas that are not overridden still come from the plugin.
3. Choose the pages in the **Menu Assignment** tab. The **module position does not matter** – the module itself outputs nothing.

- On assigned pages the button always appears – even if the plugin hides it there through its own visibility setting.
- Several modules for different pages are possible; if several are assigned to one page, the first one in module order applies.
- The live preview in the module shows the result: overridden areas with the module values, everything else with the saved plugin values.
- Tooltip, screen-reader label, z-index and custom CSS class always come from the plugin.



Module: “Guide” tab with a link to the plugin default settings



Module: “Appearance” area overridden (hexagon, “Gold” preset), live preview

> The plugin must be enabled – without it the module outputs no button either.

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14. Accessibility

- A real `<button>` element: keyboard accessible (Tab, Enter/Space), visible focus ring, screen-reader label.
- While the button is hidden it cannot be reached with the keyboard either.
- After the jump the keyboard focus moves to the target (can be switched off).
- Optionally the operating system’s “reduce motion” is respected (Animation tab): then the page jumps without animation and all effects are skipped.

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15. Tips

- If your template already has its own back-to-top button, switch it off in the template so that two buttons do not appear.
- If the button is covered by another element (e.g. cookie banner, chat), increase the z-index or change the position per device.
- If the button jumps instead of gliding: set “reduce motion” to “Ignore” in the Animation tab and check the scroll duration.
- CSS and JavaScript are loaded with a version tag – no browser cache clearing needed after updates. If page caching is active, clear the Joomla or server cache.

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16. Privacy

> The plugin sets **no cookies**, stores **no visitor data** and loads **no external files**. In the backend only the administrator’s browser remembers whether the live preview is collapsed (local browser storage).

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17. Security

No malicious code, `_JEXEC` protection in all PHP files, namespaced Joomla 5/6 API. All settings are validated on the server against a fixed schema (numbers clamped, colours only as hex values, list fields only with allowed values); your own icon HTML is filtered by a whitelist. No own database queries run on the site (Joomla supplies the module assignment through its own module list). A security audit report is available as a separate PDF.

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18. Licence, updates & donations

Free software (GPL v2+). The plugin is free of charge and needs **no licence key** and no registration. **No update guarantee, no guaranteed support – use at your own risk.** Support requests are welcome at info@joomion.de.

Updates arrive as usual through the **native Joomla updater** (System → Update → Extensions) – without any licence check.

If the plugin helps you, I would be happy about a **voluntary donation** on joomion.de. Thank you!