

Colors

UI Colors

UI colors may change according to the selected color mode. For SWARCOS ecosystem applications, two color modes are available:


- **Light (mandatory)**
- Dark (optional)

Detail pages for specific components/design elements always include design examples for both modes. The following palettes cover all necessary UI colors for both modes.

Primary Blue

| blue-100 | blue-200 | blue-400 | blue-600 | blue-800_br | blue-900 |
|----------|---------------|------------------|------------------------|-------------------|---------------------|
| #E7F2F9 | #BEDCEF | #6CB0DA | #1785CA | #006BAC | #153D56 |
| | Light Icon BG | Light Btn Press | Light / Dark Btn Hover | Light Btn Default | Dark Icon BG Active |
| | | Dark Btn Default | | Light Btn Press | |

Primary Grey

| | | | | | |
|--|---|---|---|---|---|
|  |  |  |  |  |  |
| grey-100 #E6E9EA | grey-200_br #C8D1D6 Dark mode main text color | grey-400 #939AEA4 | grey-600 #5F6B72 | grey-800_br #485156 Light mode main background color | grey-900_br #1D1D1B Dark mode background color |

Functional Colors (States)

Functional colors NEVER change, but stay the same across all color modes (light/dark) - except for the loading state (see below).
This way, we ensure that the type/severity of an alert/notification will be immediately understood by a user, no matter which mode is currently active.

The “Main” color is the primary color that should be used for each state. Light and Dark versions of the state colors provide some extra flexibility if needed. They should be used very sparingly however, and only in cases where using the main color will not work (e.g. for hover states on the map).

Application state VS Device/Operational state colors

To ensure that users immediately **understand, whether an (un)expected behaviour is related**

- **to the application itself** (e.g. error while saving) = **Application state** or
- **a device in the field** (e.g. a signal head is not working properly) = **Device/Operational state**

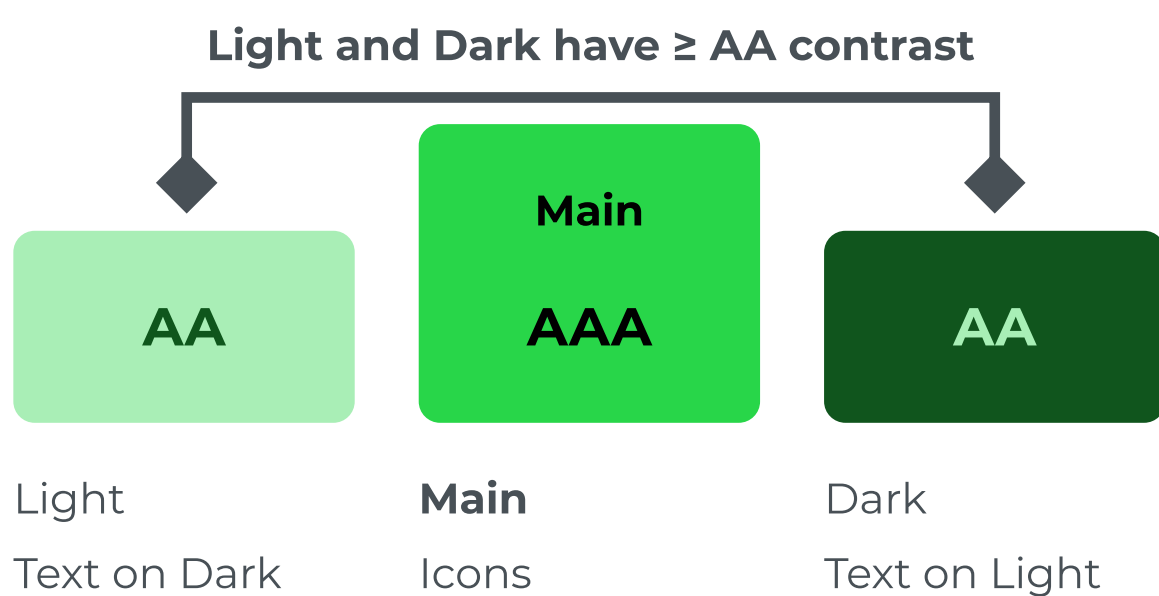
a slightly **different color scheme** is used to aid visual distinction.

Do not mix application and device state colors. Each have their respective, and exclusive use.

Note:
This distinction applies not only to colors, but also to the overall design of notifications/alerts.

Please visit the **"Notifications"** page for more information.

Color contrasts



Application States

Success

| Node | ID | Hex Code |
|-------------|----------|----------|
| AAA | jade-200 | #A9EFGD |
| Main AAA | jade-500 | #29D682 |
| AAA | jade-800 | #105634 |

Note: Green should be used **sparingly** and only for processes that need attention.

Warning

| lime-200 | lime-500 | lime-800 |
|----------|----------|----------|
| #FAFF66 | #DEE500 | #4A4D00 |

Error



| Color Name | Hex Code |
|------------|----------|
| pink-200 | #FA9ECO |
| pink-500 | #E90CSD |
| pink-800 | #610527 |

Loading

grey-200_br
#C8D1D6

blue-800_br
#006BAC

AAA

grey-800_br
#485156

Main
AA

blue-400
#6CB0DA




Device/Operational States

OK

| | | |
|----------------------|----------------------|----------------------|
| AA | Main AAA | AAA |
| green-200 #A9EFB6 | green-500 #29D649 | green-800 #10561D |

Note: Green should be used **sparingly** and only for processes that need attention.

Alert: Info

| | | |
|--|---|---|
|  |  |  |
| yellow-200 #FFF199 | yellow-500 #FFDD00 | yellow-800 #665800 |

Alert: Severe

The diagram illustrates three boxes representing different color depths. The first box is light orange and labeled 'AAA' with the hex code #FFCA99 below it. The second box is a medium orange and labeled 'Main AAA' with the hex code #FF7B00 below it. The third box is a dark brown/orange and labeled 'AAA' with the hex code #663100 below it.

| Color Depth | Hex Code |
|-------------|----------|
| orange-200 | #FFCA99 |
| orange-500 | #FF7B00 |
| orange-800 | #663100 |

Alert: Critical

Diagram illustrating three nodes in a network:

- red-200** (light red box): Contains **AAA**. IP address: #FA9EA1
- red-500** (red box): Contains **Main** and **AA**. IP address: #E90C14
- red-800** (dark red box): Contains **AAA**. IP address: #610508

Disabled / Deactivated / Offline

| | | |
|--------------------------|--------------------------|--------------------------|
| AAA | Main AA | AAA |
| warm-grey-200 #CECACA | warm-grey-500 #857A7A | warm-grey-800 #353131 |