

Converting Colors

Hex(8C90E0)

Have a look what the booklet for
Hex(8C90E0) contains.

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Color

Hex(8C90E0)

Conversions

Conversions Part 1

Format	Color
Hex	8C90E0
RGB	140, 144, 224
RGB Percent	55%, 56%, 88%
CMY	0.4510, 0.4353, 0.1216
CMYK	0.37, 0.36, 0.00, 0.12
HSL	237°, 58%, 71%
HSV	237°, 37%, 88%
XYZ	34.2430, 30.9038, 74.6812
YIQ	151.9240, -28.0640, 24.0320

Conversions

Conversions Part 2

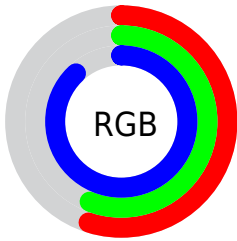
Format	Color
RYB	140, 144, 224
Decimal	9212128
CIELab	62.43, 17.74, -41.16
CIELCh	62, 44.820, 293.310
Yxy	30.9038, 0.2449, 0.2210
Android (android.graphics.Color)	4287402208 (0xFF8C90E0)
YUV	151.9240, 35.5335, -10.4573
Hunter-Lab	55.5912, 12.6678, -40.7364

Details

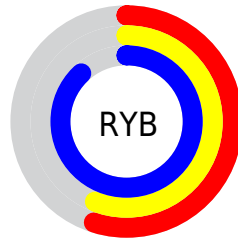
The Hex color **8C90E0** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E0DC8C**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **C4C6FF**, and **565EA8** is the 20% darker color. If you saturate the color by 10%, you get **767BE0**, and if you desaturate by 10%, it is **A2A5E0**.

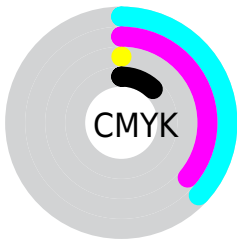
Distribution



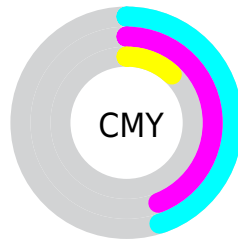
- Red (55%)
- Green (56%)
- Blue (88%)



- Red (55%)
- Yellow (56%)
- Blue (88%)



- Cyan (37%)
- Magenta (36%)
- Yellow (0%)
- Black (12%)



- Cyan (45%)
- Magenta (44%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8C90E0 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 8C90E0 by changing the saturation by 10% instead.

■ 8C90E0

■ 8C90E0

FFFFFF

■ 7176C4

■ C4C6FF

■ 565EA8

■ E1E2FF

■ 3A468E

FEFEFF

■ 1C3074

■ 001C5B

■ 000243

■ 00032C

■ 000116

■ 000000

■ 8C90E0

■ 8C90E0

■ 767BE0

■ A2A5E0

■ 5F65E0

■ B9BBE0

■ 4950E0

■ CFD0E0

■ 323BE0

■ E6E5E0

■ 1C25E0

■ FCFBE0

■ 0610E0

■ FFFFE0

■ 000BE0

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



389EE6



8C90E0



C081C7

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



8C90E0



D48358



00AB8C

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



8C90E0



E0DC8C

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



60A666



8C90E0



B79246

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



8C90E0



E2787A



909E4B



00ABB5

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



8C90E0



D579AF



909E4B



34AA7F

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



8C90E0



E3E4FF



8CE0DC



6F7080



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



8C90E0



8C92FF



B28CE0



656670



0008B0



000230

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E08C90



FF8C92



BAE08C



706566



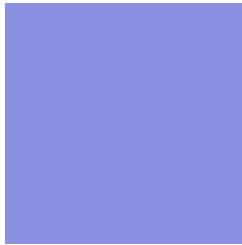
B00008



300002

Previews

White Background



This preview shows how the Hex color 8C90E0 looks on a white background.

Color Contrast Check

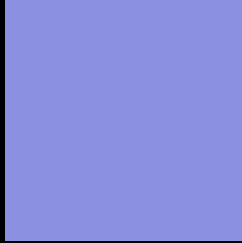
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 8C90E0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 8C90E0 Background



This preview shows how black text looks on a background with the Hex color 8C90E0.



This preview shows how white text looks on a background with the Hex color 8C90E0.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

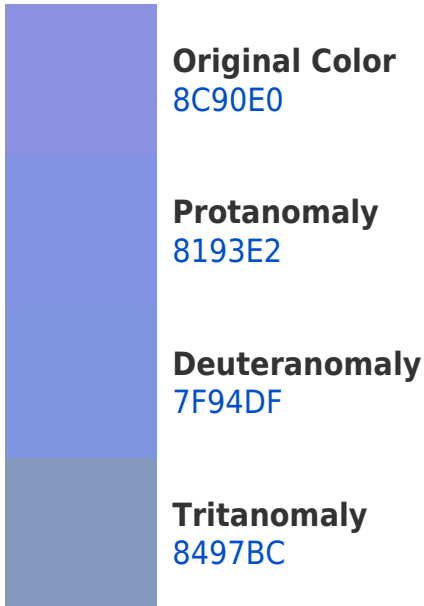
Dichromacy



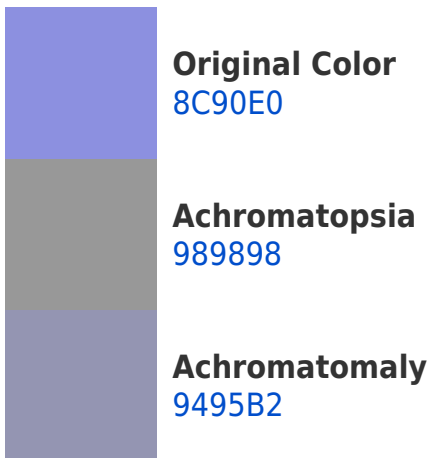


Tritanopia
7F9BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8C90E0 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #8C90E0 looks like.

```
.text, #text, p{  
    color:#8C90E0  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #8C90E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C90E0
}
```

Border

The CSS property to change the border of an element to Hex 8C90E0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C90E0 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#8C90E0 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #8C90E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C90E0; -webkit-box-shadow:4px 4px  
4px 4px #8C90E0; box-shadow:4px 4px 4px  
4px #8C90E0 }
```

Background

The CSS property to change the background color of an element to Hex 8C90E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C90E0 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#8C90E0 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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