

# Converting Colors

Hex(8CA8E0)

Have a look what the booklet for  
Hex(8CA8E0) contains.

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# **Color**

**Hex(8CA8E0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8CA8E0
RGB	140, 168, 224
RGB Percent	55%, 66%, 88%
CMY	0.4510, 0.3412, 0.1216
CMYK	0.37, 0.25, 0.00, 0.12
HSL	220°, 58%, 71%
HSV	220°, 37%, 88%
XYZ	38.2724, 38.9625, 76.0244
YIQ	166.0120, -34.6640, 11.4800

# Conversions

## Conversions Part 2

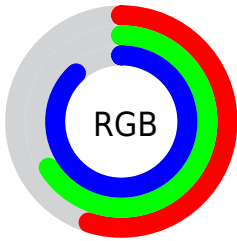
Format	Color
R <sub>Y</sub> B	140, 161, 224
Decimal	9218272
CIE Lab	68.72, 4.03, -31.35
CIE LCh	69, 31.612, 277.325
Yxy	38.9625, 0.2497, 0.2542
Android (android.graphics.Color)	4287408352 (0xFF8CA8E0)
YUV	166.0120, 28.5881, -22.8125
Hunter-Lab	62.4200, 0.2111, -28.5182

# Details

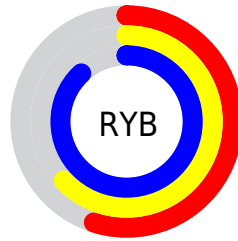
The Hex color **8CA8E0** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E0C48C**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **C4DFFF**, and **5674A9** is the 20% darker color. If you saturate the color by 10%, you get **7699E0**, and if you desaturate by 10%, it is **A2B7E0**.

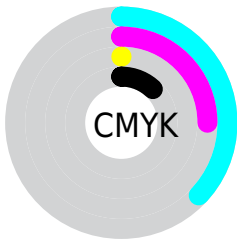
# Distribution



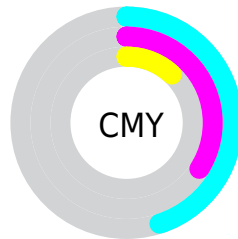
- Red (55%)
- Green (66%)
- Blue (88%)



- Red (55%)
- Yellow (63%)
- Blue (88%)



- Cyan (37%)
- Magenta (25%)
- Yellow (0%)
- Black (12%)



- Cyan (45%)
- Magenta (34%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8CA8E0 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 8CA8E0 by changing the saturation by 10% instead.



■ 8CA8E0

■ 8CA8E0

FFFFFF

■ 718EC4

■ C4DFFF

■ 5674A9

■ E1FCFF

■ 3B5C8E

FEFFFF

■ 1E4474

■ 002E5B

■ 001A43

■ 00032D

■ 000117

■ 000000

■ 8CA8E0

■ 8CA8E0

■ 7699E0

■ A2B7E0

■ 5F8AE0

■ B9C6E0

■ 497BE0

■ CFD5E0

■ 326CE0

■ E6E4E0

■ 1C5DE0

■ FCF3E0

■ 064EE0

■ FFFFEO

■ 004BE0

# Harmonies

## Analogous

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



61B1DC



8CA8E0



B59ED5

# Triad

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



8CA8E0



DE9686



74B591

# Complementary

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



8CA8E0



E0C48C

# 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.



95B079



8CA8E0



CE9E74

# Square

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



8CA8E0



E092A2



B5A86F



54B7AE

# Rectangle

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



8CA8E0



CA98C7



B5A86F



7FB488

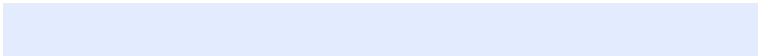


# Sweetspot

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



8CA8E0



E3ECFF



8CE0C4



6F7480



000000



808080



# Same Dimension

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



8CA8E0



8CB2FF



9A8CE0



656970



003BB0



001030



# Inverse Universe

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



E08CA8



FF8CB2



D2E08C



706569



B0003B

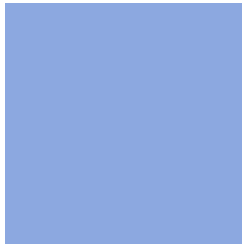


300010



# Previews

## White Background



This preview shows how the Hex color 8CA8E0 looks on a white background.

## Color Contrast Check

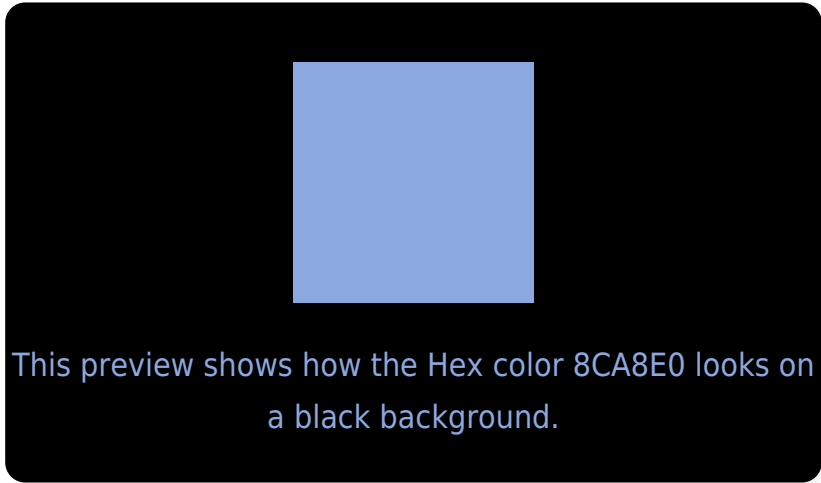
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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

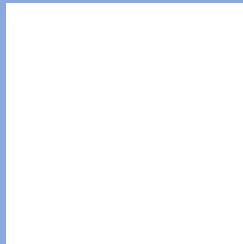
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8CA8E0 Background



This preview shows how black text looks on a background with the Hex color 8CA8E0.

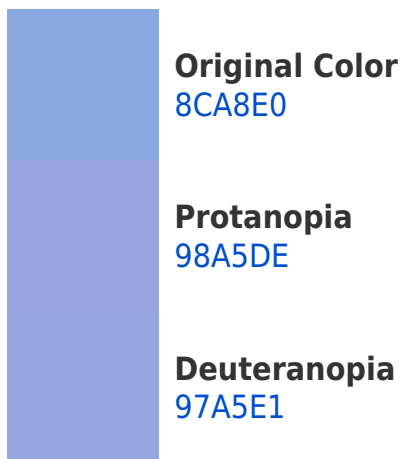


This preview shows how white text looks on a background with the Hex color 8CA8E0.

# 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](#).

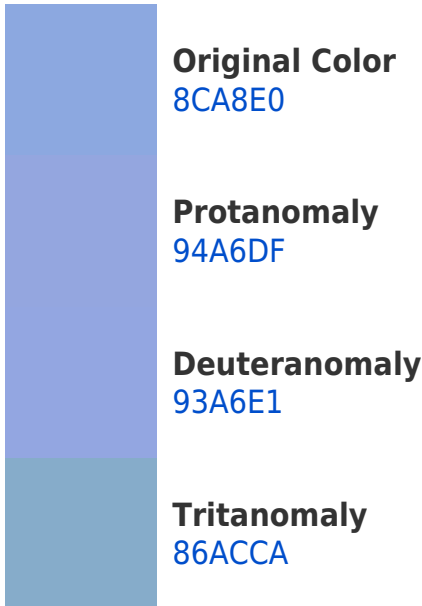
## Dichromacy



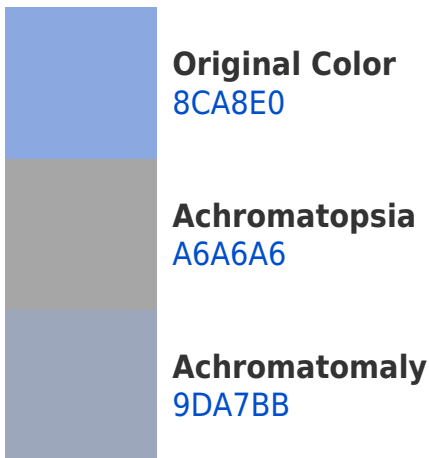


**Tritanopia**  
83AFBD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8CA8E0 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 #8CA8E0 looks like.

```
.text, #text, p{  
    color:#8CA8E0  
}
```

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 #8CA8E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CA8E0
}
```

## Border

The CSS property to change the border of an element to Hex 8CA8E0 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
#8CA8E0 }
```

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

```
.border{ border-color:#8CA8E0 }
```

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

Here you see how a box with a 4 pixel #8CA8E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CA8E0; -webkit-box-shadow:4px 4px  
4px 4px #8CA8E0; box-shadow:4px 4px 4px  
4px #8CA8E0 }
```

# Background

The CSS property to change the background color of an element to Hex 8CA8E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CA8E0 }
```

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

```
.background{ background-color:#8CA8E0 }
```

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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