

Converting Colors

Hex(808CEB)

Have a look what the booklet for
Hex(808CEB) contains.

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Color

Hex(808CEB)

Conversions

Conversions Part 1

Format	Color
Hex	808CEB
RGB	128, 140, 235
RGB Percent	50%, 55%, 92%
CMY	0.4980, 0.4510, 0.0784
CMYK	0.46, 0.40, 0.00, 0.08
HSL	233°, 73%, 71%
HSV	233°, 46%, 92%
XYZ	33.2756, 29.3435, 82.5073
YIQ	147.2420, -37.6470, 27.0010

Conversions

Conversions Part 2

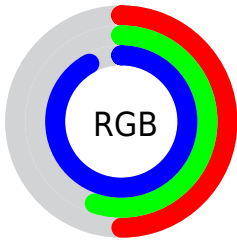
Format	Color
R_{YB}	128, 139, 235
Decimal	8424683
CIE _{Lab}	61.08, 20.14, -49.43
CIE _{LCh}	61, 53.379, 292.167
Yxy	29.3435, 0.2293, 0.2022
Android (android.graphics.Color)	4286614763 (0xFF808CEB)
YUV	147.2420, 43.2647, -16.8752
Hunter-Lab	54.1697, 14.8528, -52.3875

Details

The Hex color **808CEB** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **EBDF80**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **B9C1FF**, and **475AB3** is the 20% darker color. If you saturate the color by 10%, you get **6977EB**, and if you desaturate by 10%, it is **98A1EB**.

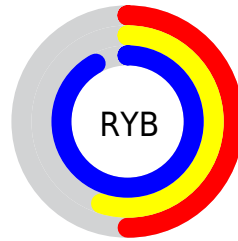
Distribution



Red (50%)

Green (55%)

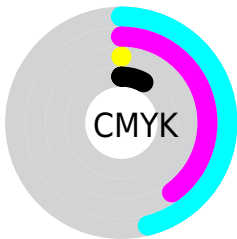
Blue (92%)



Red (50%)

Yellow (55%)

Blue (92%)

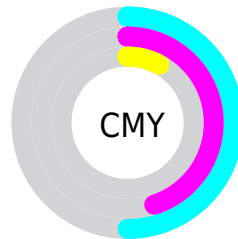


Cyan (46%)

Magenta (40%)

Yellow (0%)

Black (8%)



Cyan (50%)

Magenta (45%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 808CEB 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 808CEB by changing the saturation by 10% instead.

 808CEB

 808CEB

FFFFFF

 6473CE

 B9C1FF

 475AB3

 D6DDFF

 264397

 F4FAFF

 002D7D

 001964

 00004B

 000433

 00021D

 000000

■ 808CEB

■ 808CEB

■ 6977EB

■ 98A1EB

■ 5162EB

■ AFB6EB

■ 394DEB

■ C6CBEB

■ 2239EB

■ DEDFEB

■ 0A24EB

■ F5F4EB

■ 001AEB

■ FFFFEB

Harmonies

Analogous

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



009CF1



808CEB



C178CE

Triad

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



808CEB



D97B4A



00AA85

Complementary

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



808CEB



EBDF80

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.



51A557



808CEB



B88D31

Square

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



808CEB



EA6C73



8B9B36



00AAB6

Rectangle

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



808CEB



DB6EB1



8B9B36



00A975

Sweetspot

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



808CEB



DBDFFF



80EBDF



6A6C80



000000



808080

Same Dimension

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



808CEB



7382FF



A980EB



6A6B75



0014B5



000636

Inverse Universe

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



EB808C



FF7382



C2EB80



756A6B



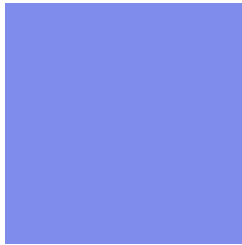
B50014



360006

Previews

White Background



This preview shows how the Hex color 808CEB looks on a white background.

Color Contrast Check

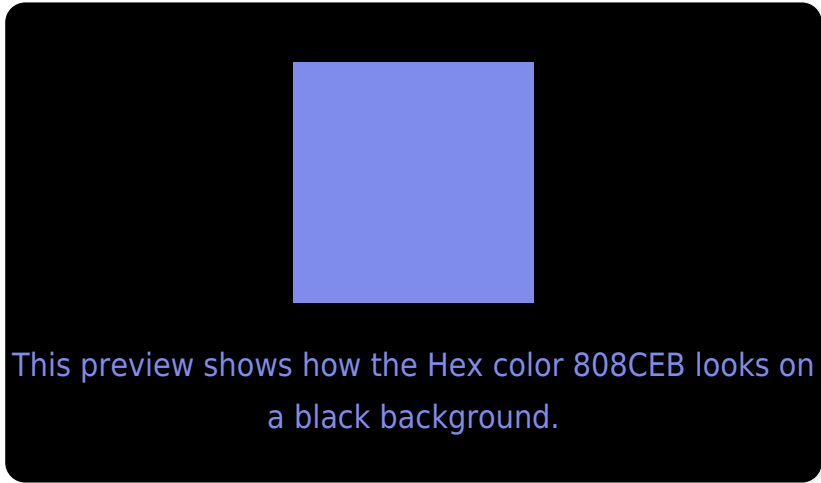
Large Text (above 18pt) WCAG AA ✓ Pass

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

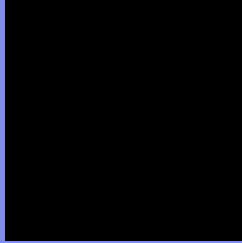
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 808CEB Background



This preview shows how black text looks on a background with the Hex color 808CEB.

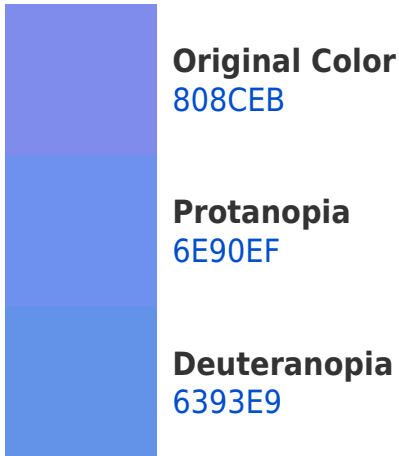


This preview shows how white text looks on a background with the Hex color 808CEB.

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](#).

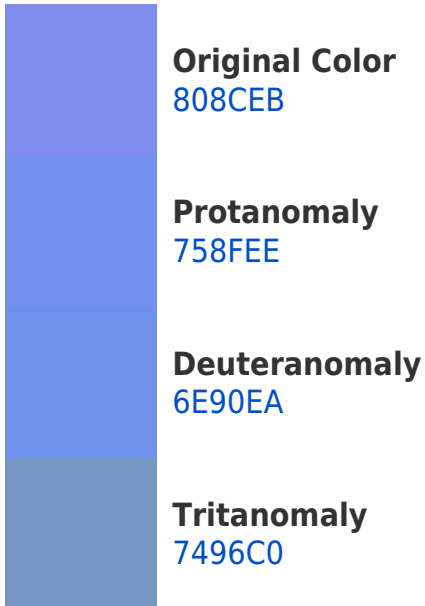
Dichromacy



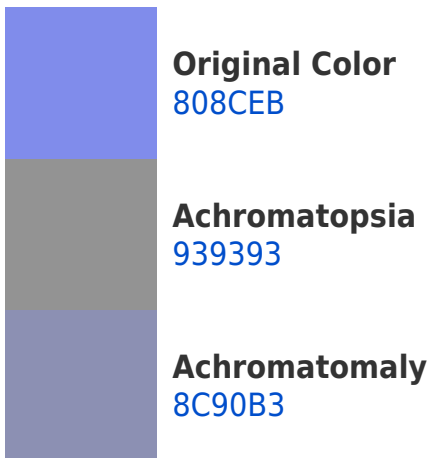


Tritanopia
6D9BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 808CEB 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 #808CEB looks like.

```
.text, #text, p{  
    color:#808CEB  
}
```

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 #808CEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #808CEB
}
```

Border

The CSS property to change the border of an element to Hex 808CEB 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
#808CEB }
```

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

```
.border{ border-color:#808CEB }
```

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

Here you see how a box with a 4 pixel #808CEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #808CEB; -webkit-box-shadow:4px 4px  
4px 4px #808CEB; box-shadow:4px 4px 4px  
4px #808CEB }
```

Background

The CSS property to change the background color of an element to Hex 808CEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#808CEB }
```

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

```
.background{ background-color:#808CEB }
```

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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