

Converting Colors

Hex(808EC4)

Have a look what the booklet for
Hex(808EC4) contains.

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Color

Hex(808EC4)

Conversions

Conversions Part 1

Format	Color
Hex	808EC4
RGB	128, 142, 196
RGB Percent	50%, 56%, 77%
CMY	0.4980, 0.4431, 0.2314
CMYK	0.35, 0.28, 0.00, 0.23
HSL	228°, 37%, 64%
HSV	228°, 35%, 77%
XYZ	28.5389, 27.9207, 56.1096
YIQ	143.9700, -25.6780, 13.8260

Conversions

Conversions Part 2

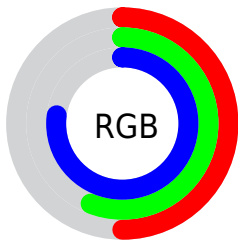
Format	Color
RYB	128, 140, 196
Decimal	8425156
CIELab	59.82, 8.02, -29.63
CIElCh	60, 30.691, 285.140
Yxy	27.9207, 0.2535, 0.2480
Android (android.graphics.Color)	4286615236 (0xFF808EC4)
YUV	143.9700, 25.6508, -14.0057
Hunter-Lab	52.8401, 3.9377, -25.9706

Details

The Hex color **808EC4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C4B680**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **B7C4FD**, and **4C5C8E** is the 20% darker color. If you saturate the color by 10%, you get **6C7EC4**, and if you desaturate by 10%, it is **949EC4**.

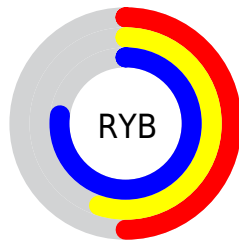
Distribution



Red (50%)

Green (56%)

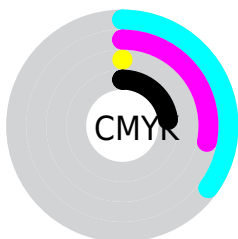
Blue (77%)



Red (50%)

Yellow (55%)

Blue (77%)

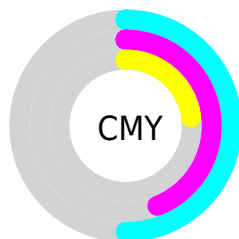


Cyan (35%)

Magenta (28%)

Yellow (0%)

Black (23%)



Cyan (50%)

Magenta (44%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 808EC4 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 808EC4 by changing the saturation by 10% instead.

■ 808EC4

■ 808EC4

FFFFFF

■ 6675A9

■ B7C4FD

■ 4C5C8E

■ D3DFFF

■ 324574

■ F0FCFF

■ 172F5B

■ 001A44

■ 00002D

■ 000118

■ 000000

■ 808EC4

■ 808EC4

■ 6C7EC4

■ 949EC4

■ 596FC4

■ A7ADC4

■ 455FC4

■ BBBDC4

■ 3250C4

■ CECCC4

■ 1E40C4

■ E2DCC4

■ 0A31C4

■ F6EBC4

■ 0028C4

■ FFFBC4

■ FFFFC4

Harmonies

Analogous

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



5597C4



808EC4



A584B6

Triad

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



808EC4



C0816B



559E81

Complementary

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



808EC4



C4B680

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.



769A69



808EC4



AE8A5C

Square

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



808EC4



C57C83



95935B



369F9D

Rectangle

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



808EC4



B67FA7



95935B



609D79

Sweetspot

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



808EC4



E6EBFF



80C4B5



707380



000000



808080

Same Dimension

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



808EC4



94AAFF



9380C4



575961



0021A1



000721

Inverse Universe

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



C4808E



FF94AA



B1C480



615759



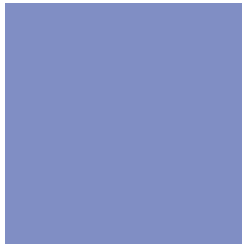
A10021



210007

Previews

White Background



This preview shows how the Hex color 808EC4 looks on a white background.

Color Contrast Check

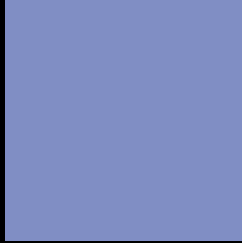
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color 808EC4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

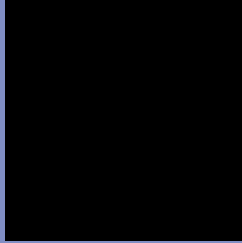
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 808EC4 Background



This preview shows how black text looks on a background with the Hex color 808EC4.



This preview shows how white text looks on a background with the Hex color 808EC4.

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



Original Color
808EC4

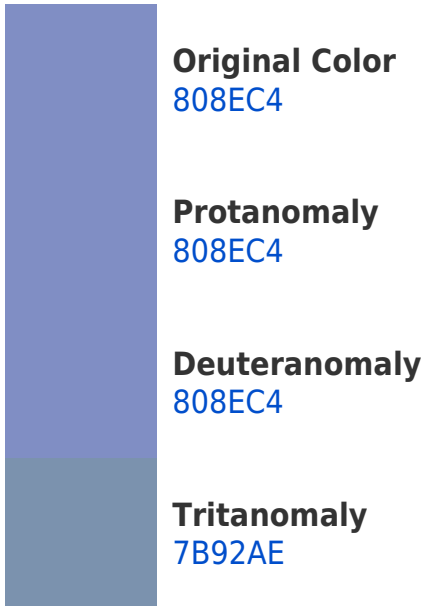
Protanopia
808EC4

Deuteranopia
808EC4

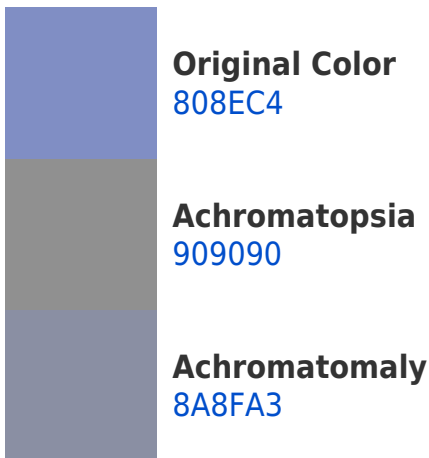


Tritanopia
7895A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 808EC4 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 #808EC4 looks like.

```
.text, #text, p{  
    color:#808EC4  
}
```

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 #808EC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #808EC4
}
```

Border

The CSS property to change the border of an element to Hex 808EC4 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
#808EC4 }
```

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

```
.border{ border-color:#808EC4 }
```

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

Here you see how a box with a 4 pixel #808EC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #808EC4; -webkit-box-shadow:4px 4px  
4px 4px #808EC4; box-shadow:4px 4px 4px  
4px #808EC4 }
```

Background

The CSS property to change the background color of an element to Hex 808EC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#808EC4 }
```

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

```
.background{ background-color:#808EC4 }
```

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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