

# Converting Colors

Hex(808EB1)

Have a look what the booklet for  
Hex(808EB1) contains.

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# **Color**

**Hex(808EB1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	808EB1
RGB	128, 142, 177
RGB Percent	50%, 56%, 69%
CMY	0.4980, 0.4431, 0.3059
CMYK	0.28, 0.20, 0.00, 0.31
HSL	223°, 24%, 60%
HSV	223°, 28%, 69%
XYZ	26.5109, 27.1095, 45.4304
YIQ	141.8040, -19.5790, 7.9170

# Conversions

## Conversions Part 2

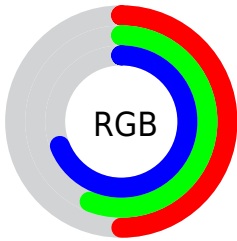
<b>Format</b>	<b>Color</b>
<b>RYB</b>	128, 139, 177
Decimal	8425137
CIELab	59.08, 3.09, -20.01
CIElCh	59, 20.245, 278.767
Yxy	27.1095, 0.2676, 0.2737
Android (android.graphics.Color)	4286615217 (0xFF808EB1)
YUV	141.8040, 17.3516, -12.1061
Hunter-Lab	52.0668, -0.2299, -15.2861

# Details

The Hex color **808EB1** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B1A380**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **B6C4E9**, and **4D5C7C** is the 20% darker color. If you saturate the color by 10%, you get **6E81B1**, and if you desaturate by 10%, it is **929BB1**.

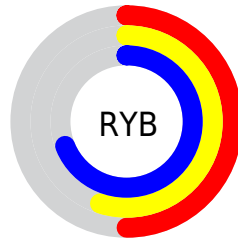
# Distribution



Red (50%)

Green (56%)

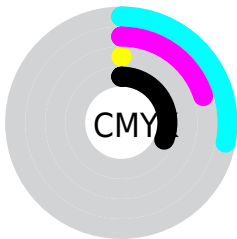
Blue (69%)



Red (50%)

Yellow (55%)

Blue (69%)

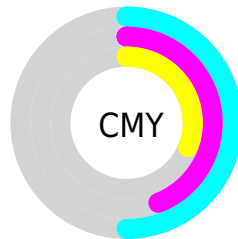


Cyan (28%)

Magenta (20%)

Yellow (0%)

Black (31%)



Cyan (50%)

Magenta (44%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 808EB1 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 808EB1 by changing the saturation by 10% instead.



 808EB1

 808EB1

FFFFFF

 667496

 B6C4E9

 4D5C7C

 D2DFFF

 354563

 EEFCFF

 1D2E4B

 041A34

 00021F

 000003

 000000

 808EB1

 808EB1

■ 6E81B1

■ 929BB1

■ 5D75B1

■ A3A7B1

■ 4B68B1

■ B5B4B1

■ 395BB1

■ C7C1B1

■ 284FB1

■ D9CDB1

■ 1642B1

■ EADAB1

■ 0436B1

■ FCE6B1

■ 0033B1

■ FFF3B1

■ FFFFB1

# Harmonies

## Analogous

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



6993AF



808EB1



9888AA

# Triad

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



808EB1



B18479



6E9781

# Complementary

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



808EB1



B1A380

# 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.



829472



808EB1



A7896E

# Square

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



808EB1



B28189



968F6B



5F9893

# Rectangle

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



808EB1



A484A1



968F6B



75967B



# Sweetspot

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



808EB1



D3D8E6



80B1A2



676B73



F2F2F2



737373



# Same Dimension

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



808EB1



9AAFE6



8A80B1



505359



002C99



00071A



# Inverse Universe

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



B1808E



E69AAF



A7B180



595053



99002C

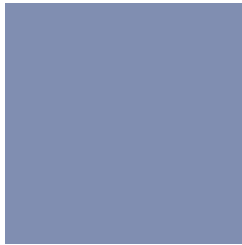


1A0007



# Previews

## White Background



This preview shows how the Hex color 808EB1 looks on a white background.

## Color Contrast Check

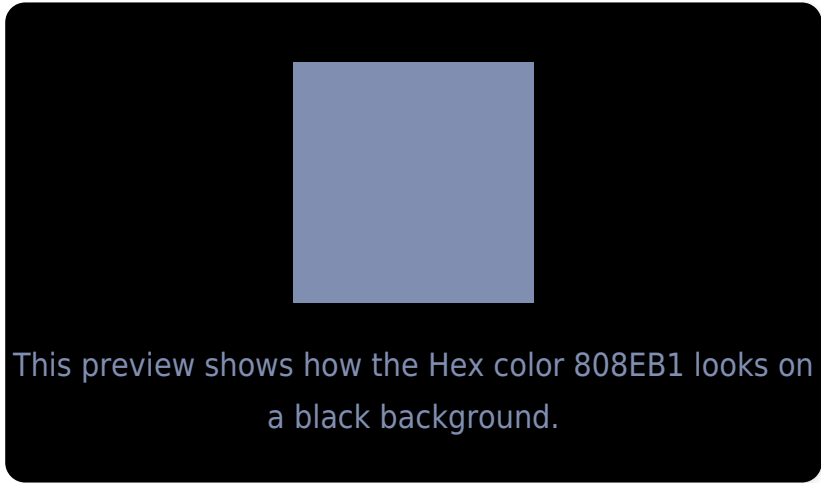
Large Text (above 18pt) WCAG AA ✓ Pass

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

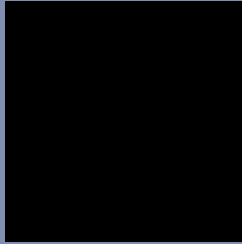
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

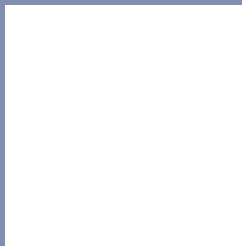
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 808EB1 Background



This preview shows how black text looks on a background with the Hex color 808EB1.



This preview shows how white text looks on a background with the Hex color 808EB1.

# 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](#).

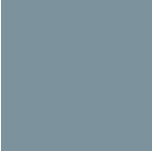
## Dichromacy



**Original Color**  
808EB1

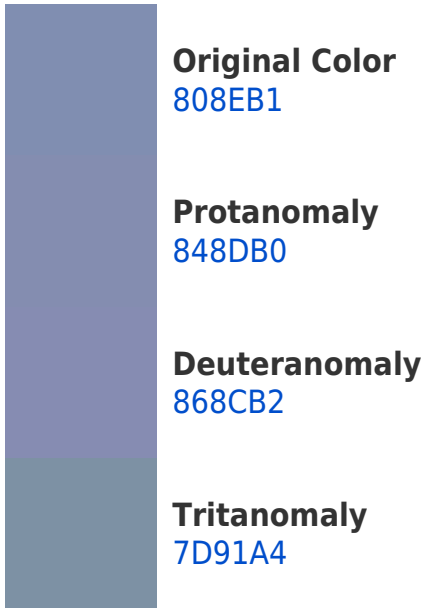
**Protanopia**  
868DB0

**Deuteranopia**  
898BB2



**Tritanopia**  
7C929D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 808EB1 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 #808EB1 looks like.

```
.text, #text, p{  
    color:#808EB1  
}
```

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 #808EB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #808EB1
}
```

## Border

The CSS property to change the border of an element to Hex 808EB1 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
#808EB1 }
```

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

```
.border{ border-color:#808EB1 }
```

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

Here you see how a box with a 4 pixel #808EB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #808EB1; -webkit-box-shadow:4px 4px  
4px 4px #808EB1; box-shadow:4px 4px 4px  
4px #808EB1 }
```

# Background

The CSS property to change the background color of an element to Hex 808EB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#808EB1 }
```

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

```
.background{ background-color:#808EB1 }
```

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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