

# Converting Colors

Hex(0808C2)

Have a look what the booklet for  
Hex(0808C2) contains.

<b>Hex(0808C2)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(0808C2)

# Conversions

## Conversions Part 1

Format	Color
Hex	0808C2
RGB	8, 8, 194
RGB Percent	3%, 3%, 76%
CMY	0.9686, 0.9686, 0.2392
CMYK	0.96, 0.96, 0.00, 0.24
HSL	240°, 92%, 40%
HSV	240°, 96%, 76%
XYZ	9.9246, 4.1203, 51.3112
YIQ	29.2040, -59.7060, 57.8460

# Conversions

## Conversions Part 2

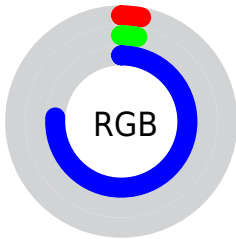
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	8, 8, 194
Decimal	526530
CIELab	24.07, 62.75, -86.56
CIELCh	24, 106.913, 305.941
Yxy	4.1203, 0.1519, 0.0630
Android (android.graphics.Color)	4278716610 (0xFF0808C2)
YUV	29.2040, 81.2444, -18.5959
Hunter-Lab	20.2986, 51.7513, -135.6653

# Details

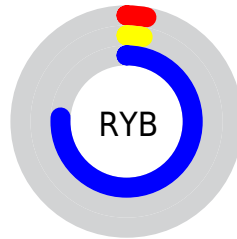
The Hex color **0808C2** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **C2C208**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **6942FC**, and **00008B** is the 20% darker color. If you saturate the color by 10%, you get **0000C2**, and if you desaturate by 10%, it is **1B1BC2**.

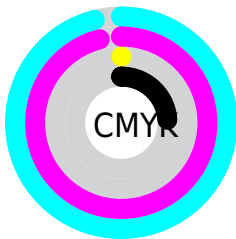
# Distribution



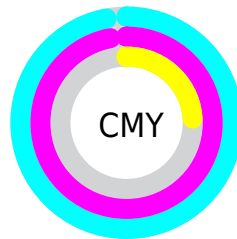
- Red (3%)
- Green (3%)
- Blue (76%)



- Red (3%)
- Yellow (3%)
- Blue (76%)



- Cyan (96%)
- Magenta (96%)
- Yellow (0%)
- Black (24%)



- Cyan (97%)
- Magenta (97%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0808C2 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 0808C2 by changing the saturation by 10% instead.



 0808C2

 0808C2

FFFFFF

 0000A6

 6942FC

 00008B

 895CFF

 000070

 A976FF

 000C56

 C891FF

 00063E

 E8ACFF

 000327

 FFC8FF

 000111

 FFE5FF

 000000

 0808C2

 0808C2

0000C2

1B1BC2

2F2FC2

4242C2

5656C2

6969C2

7C7CC2

9090C2

A3A3C2

B7B7C2

# Harmonies

## Analogous

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



0046E3



0808C2



9B007D

# Triad

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



0808C2



770900



005048

# Complementary

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



0808C2



C2C208

# 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.



004E00



0808C2



393D00

# Square

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



0808C2



A30000



004900



00539A

# Rectangle

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



0808C2



B20048



004900



004F2C



# Sweetspot

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



0808C2



B3B3FC



08C2C2



535380



000000



808080



# Same Dimension

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



0808C2



0000FC



6508C2



575761



0000A1



000021



# Inverse Universe

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



C208C2



FC00FC



65C208



615761



A100A1

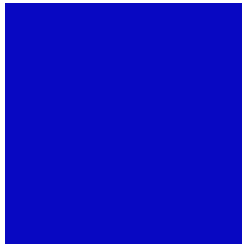


210021



# Previews

## White Background



This preview shows how the Hex color 0808C2 looks on a white background.

## Color Contrast Check

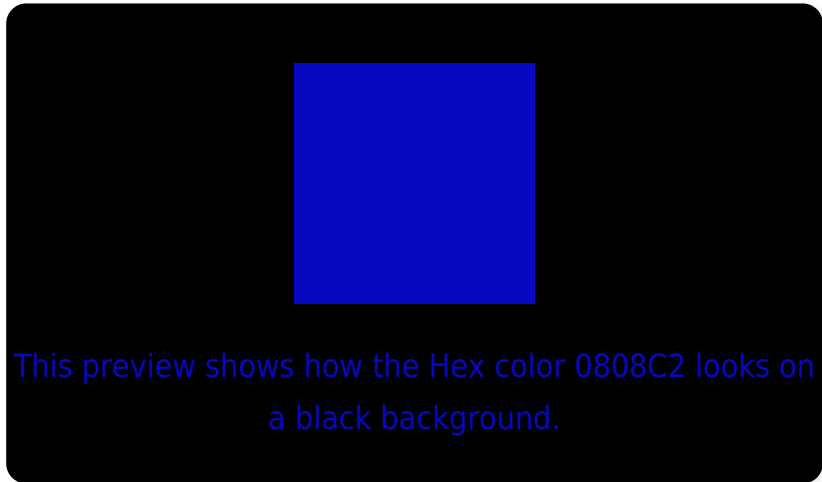
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

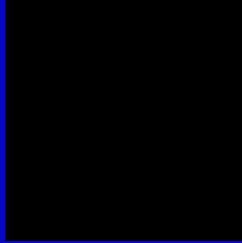
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0808C2 Background



This preview shows how black text looks on a background with the Hex color 0808C2.



This preview shows how white text looks on a background with the Hex color 0808C2.

# 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**  
0808C2

**Protanopia**  
003977

**Deuteranopia**  
003D65



# Trichromacy



**Original Color**  
0808C2

**Protanomaly**  
032792

**Deuteranomaly**  
032A87

**Tritanomaly**  
032D72

# Monochromacy



**Original Color**  
0808C2

**Achromatopsia**  
1D1D1D

**Achromatomaly**  
151559

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0808C2 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 #0808C2 looks like.

```
.text, #text, p{  
    color:#0808C2  
}
```

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 #0808C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0808C2
}
```

## Border

The CSS property to change the border of an element to Hex 0808C2 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
#0808C2 }
```

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

```
.border{ border-color:#0808C2 }
```

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

Here you see how a box with a 4 pixel #0808C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0808C2; -webkit-box-shadow:4px 4px  
4px 4px #0808C2; box-shadow:4px 4px 4px  
4px #0808C2 }
```

# Background

The CSS property to change the background color of an element to Hex 0808C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0808C2 }
```

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

```
.background{ background-color:#0808C2 }
```

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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