

# Converting Colors

Hex(808CD6)

Have a look what the booklet for  
Hex(808CD6) contains.

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# **Color**

**Hex(808CD6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	808CD6
RGB	128, 140, 214
RGB Percent	50%, 55%, 84%
CMY	0.4980, 0.4510, 0.1608
CMYK	0.40, 0.35, 0.00, 0.16
HSL	232°, 51%, 67%
HSV	232°, 40%, 84%
XYZ	30.4178, 28.2004, 67.4584
YIQ	144.8480, -30.9060, 20.4700

# Conversions

## Conversions Part 2

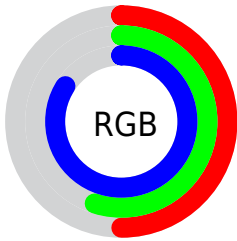
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 139, 214
Decimal	8424662
CIE <sub>Lab</sub>	60.07, 14.12, -39.34
CIE <sub>LCh</sub>	60, 41.802, 289.742
Yxy	28.2004, 0.2413, 0.2237
Android (android.graphics.Color)	4286614742 (0xFF808CD6)
YUV	144.8480, 34.0919, -14.7757
Hunter-Lab	53.1040, 9.3119, -38.1436

# Details

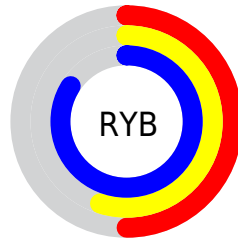
The Hex color **808CD6** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D6CA80**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **B8C1FF**, and **4A5A9F** is the 20% darker color. If you saturate the color by 10%, you get **6B7AD6**, and if you desaturate by 10%, it is **959ED6**.

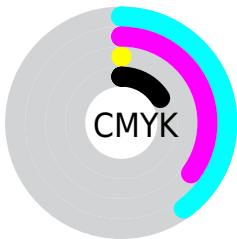
# Distribution



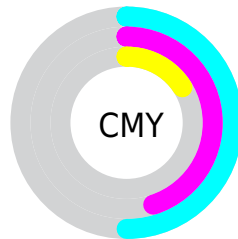
- Red (50%)
- Green (55%)
- Blue (84%)



- Red (50%)
- Yellow (55%)
- Blue (84%)



- Cyan (40%)
- Magenta (35%)
- Yellow (0%)
- Black (16%)



- Cyan (50%)
- Magenta (45%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 808CD6 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 808CD6 by changing the saturation by 10% instead.



 808CD6

 808CD6

FFFFFF

 6573BA

 B8C1FF

 4A5A9F

 D4DDFF

 2E4384

 F1FAFF

 0A2D6B

 001952

 00003B

 000224

 00000C

 000000

808CD6

808CD6

6B7AD6

959ED6

5567D6

ABB1D6

4055D6

C0C3D6

2A42D6

D6D6D6

1530D6

EBE8D6

001ED6

FFFAD6

FFFFD6

# Harmonies

## Analogous

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



3198D9



808CD6



B27EC1

# Triad

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



808CD6



CC7D5A



26A382

# Complementary

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



808CD6



D6CA80

# 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.



659F60



808CD6



B28A47

# Square

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



808CD6



D7747A



8F9649



00A4A8

# Rectangle

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



808CD6



C876AB



8F9649



40A276



# Sweetspot

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



808CD6



E0E5FF



80D6C9



6E7080



000000



808080



# Same Dimension

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



808CD6



8596FF



9E80D6



60626B



0018AB



00062B



# Inverse Universe

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



D6808C



FF8596



B8D680



6B6062



AB0018

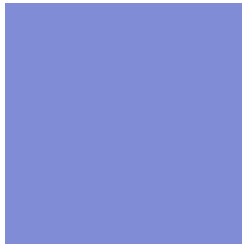


2B0006



# Previews

## White Background



This preview shows how the Hex color 808CD6 looks on a white background.

## Color Contrast Check

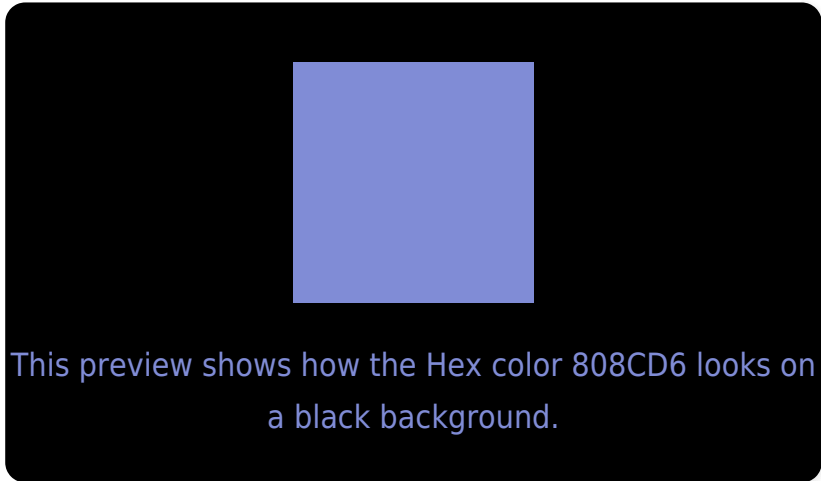
Large Text (above 18pt) WCAG AA ✓ Pass

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

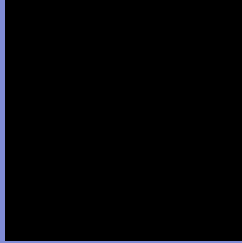
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 808CD6 Background



This preview shows how black text looks on a background with the Hex color 808CD6.



This preview shows how white text looks on a background with the Hex color 808CD6.

# 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**  
808CD6

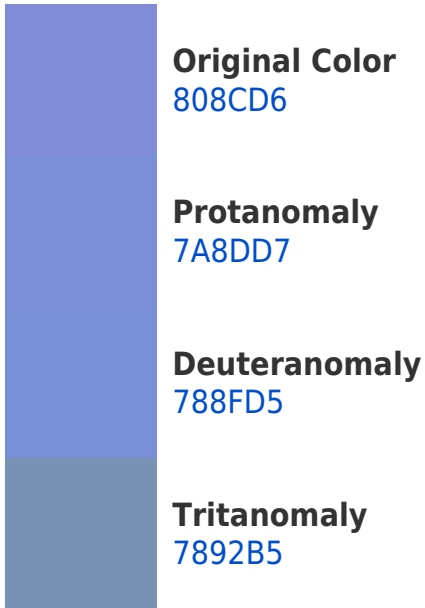
**Protanopia**  
778ED8

**Deuteranopia**  
7390D5

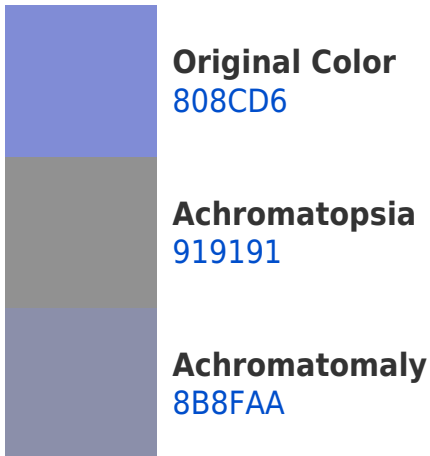


**Tritanopia**  
7396A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 808CD6 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 #808CD6 looks like.

```
.text, #text, p{  
    color:#808CD6  
}
```

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 #808CD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #808CD6
}
```

## Border

The CSS property to change the border of an element to Hex 808CD6 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
#808CD6 }
```

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

```
.border{ border-color:#808CD6 }
```

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

Here you see how a box with a 4 pixel #808CD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #808CD6; -webkit-box-shadow:4px 4px  
4px 4px #808CD6; box-shadow:4px 4px 4px  
4px #808CD6 }
```

# Background

The CSS property to change the background color of an element to Hex 808CD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#808CD6 }
```

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

```
.background{ background-color:#808CD6 }
```

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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