

# Converting Colors

Hex(8072D4)

Have a look what the booklet for  
Hex(8072D4) contains.

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# Color

**Hex(8072D4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8072D4
RGB	128, 114, 212
RGB Percent	50%, 45%, 83%
CMY	0.4980, 0.5529, 0.1686
CMYK	0.40, 0.46, 0.00, 0.17
HSL	249°, 53%, 64%
HSV	249°, 46%, 83%
XYZ	26.8031, 21.3773, 65.0009
YIQ	129.3580, -23.1140, 33.4460

# Conversions

## Conversions Part 2

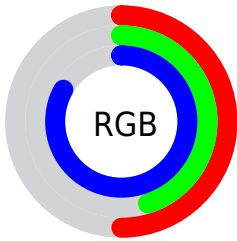
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 114, 212
Decimal	8418004
CIE <sub>Lab</sub>	53.36, 28.92, -48.82
CIE <sub>LCh</sub>	53, 56.739, 300.641
Yxy	21.3773, 0.2368, 0.1889
Android (android.graphics.Color)	4286608084 (0xFF8072D4)
YUV	129.3580, 40.7425, -1.1910
Hunter-Lab	46.2356, 22.5653, -50.9887

# Details

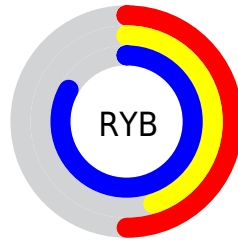
The Hex color **8072D4** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **C6D472**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **B8A6FF**, and **49429D** is the 20% darker color. If you saturate the color by 10%, you get **6E5DD4**, and if you desaturate by 10%, it is **9287D4**.

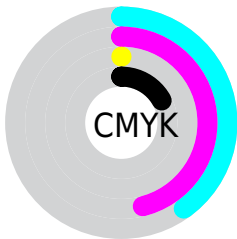
# Distribution



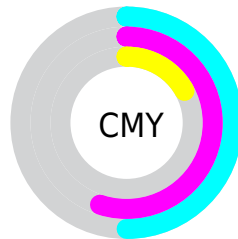
- Red (50%)
- Green (45%)
- Blue (83%)



- Red (50%)
- Yellow (45%)
- Blue (83%)



- Cyan (40%)
- Magenta (46%)
- Yellow (0%)
- Black (17%)



- Cyan (50%)
- Magenta (55%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8072D4 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 8072D4 by changing the saturation by 10% instead.



8072D4

8072D4

FFFFFF

6459B8

B8A6FF

49429D

D5C1FF

2C2B82

F2DDFF

031668

FFFAFF

000050

000538

000222

000007

000000

8072D4

8072D4

6E5DD4

9287D4

5C48D4

A49CD4

4932D4

B7B2D4

371DD4

C9C7D4

2508D4

DBDCD4

1E00D4

EDF1D4

FFFFD4

# Harmonies

## Analogous

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



0085E1



8072D4



BB5CB0

# Triad

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



8072D4



BD6B28



00967F

# Complementary

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



8072D4



C6D472

# 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.



06934D



8072D4



977D0B

# Square

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



8072D4



D45751



668B22



0096B0

# Rectangle

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



8072D4



D05291



668B22



00966E



# Sweetspot

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



8072D4



E0DBFF



72C7D4



6D6A80



000000



808080



# Same Dimension

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



8072D4



8773FF



B072D4



62606B



1800AB



06002B



# Inverse Universe

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



D472C6



FF73EB



96D472



6B606A



AB0092



2B0025



# Previews

## White Background



This preview shows how the Hex color 8072D4 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

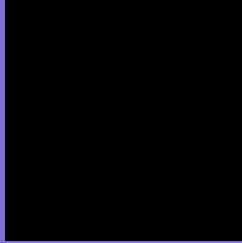
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8072D4 Background



This preview shows how black text looks on a background with the Hex color 8072D4.

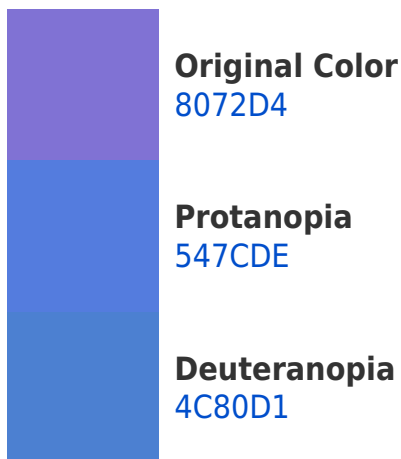


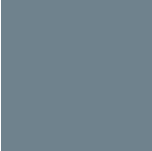
This preview shows how white text looks on a background with the Hex color 8072D4.

# 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](#).

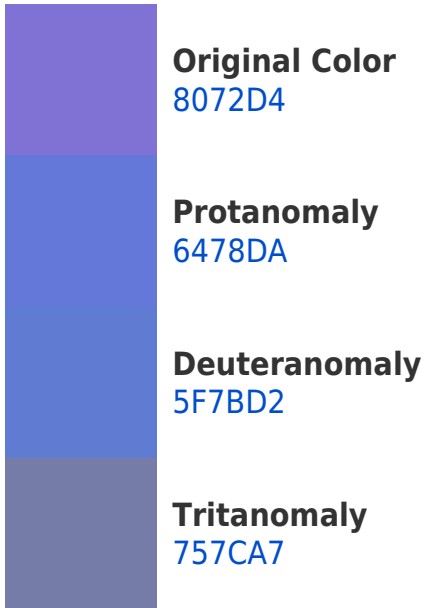
## Dichromacy



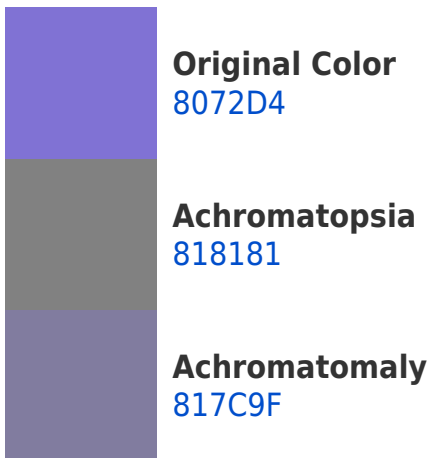


**Tritanopia**  
6F828D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8072D4 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 #8072D4 looks like.

```
.text, #text, p{  
    color:#8072D4  
}
```

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 #8072D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8072D4
}
```

## Border

The CSS property to change the border of an element to Hex 8072D4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

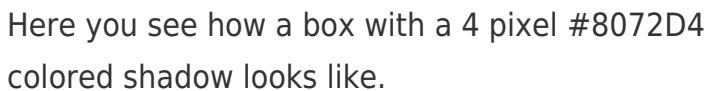
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8072D4 }
```

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

```
.border{ border-color:#8072D4 }
```

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



Here you see how a box with a 4 pixel #8072D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8072D4; -webkit-box-shadow:4px 4px  
4px 4px #8072D4; box-shadow:4px 4px 4px  
4px #8072D4 }
```

# Background

The CSS property to change the background color of an element to Hex 8072D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8072D4 }
```

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

```
.background{ background-color:#8072D4 }
```

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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