

# Converting Colors

Hex(8778CD)

Have a look what the booklet for  
Hex(8778CD) contains.

<b>Hex(8778CD)</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(8778CD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8778CD
RGB	135, 120, 205
RGB Percent	53%, 47%, 80%
CMY	0.4706, 0.5294, 0.1961
CMYK	0.34, 0.41, 0.00, 0.20
HSL	251°, 46%, 64%
HSV	251°, 41%, 80%
XYZ	27.7276, 22.9916, 60.7340
YIQ	134.1750, -18.3450, 29.6150

# Conversions

## Conversions Part 2

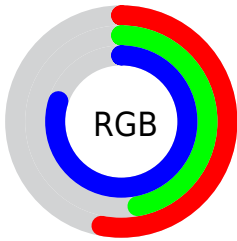
<b>Format</b>	<b>Color</b>
<b>RYB</b>	135, 120, 205
Decimal	8878285
CIELab	55.06, 25.30, -42.11
CIELCh	55, 49.127, 300.998
Yxy	22.9916, 0.2488, 0.2063
Android (android.graphics.Color)	4287068365 (0xFF8778CD)
YUV	134.1750, 34.9167, 0.7235
Hunter-Lab	47.9496, 19.3087, -41.5334

# Details

The Hex color **8778CD** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **BECD78**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **BEACFF**, and **524796** is the 20% darker color. If you saturate the color by 10%, you get **7664CD**, and if you desaturate by 10%, it is **988CCD**.

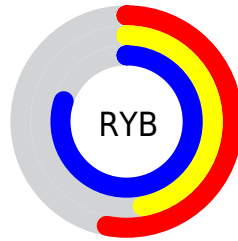
# Distribution



Red (53%)

Green (47%)

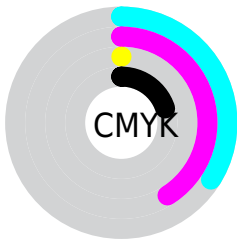
Blue (80%)



Red (53%)

Yellow (47%)

Blue (80%)

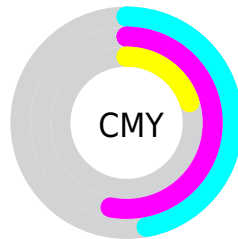


Cyan (34%)

Magenta (41%)

Yellow (0%)

Black (20%)



Cyan (47%)

Magenta (53%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8778CD 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 8778CD by changing the saturation by 10% instead.



■ 8778CD

■ 8778CD

FFFFFF

■ 6C5FB1

■ BEACFF

■ 524796

■ DBC8FF

■ 37317C

■ F8E4FF

■ 1A1B63

■ 00064A

■ 000133

■ 00021D

■ 000000

■ 8778CD

■ 8778CD

7664CD

988CCD

654FCD

A9A1CD

543ACD

BAB5CD

4326CD

CBCACD

3311CD

DBDECD

2400CD

ECF3CD

FDFLCD

FFFFCD

# Harmonies

## Analogous

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



2488D9



8778CD



B967AE

# Triad

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



8778CD



BB7239



009984

# Complementary

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



8778CD



BECD78

# 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.



329559



8778CD



9A8229

# Square

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



8778CD



CF635A



6F8E36



0098AE

# Rectangle

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



8778CD



CB5F93



6F8E36



009875



# Sweetspot

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



8778CD



E6E0FF



78BFCD



716E80



000000



808080



# Same Dimension

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



8778CD



9680FF



B178CD



5E5C66



1D00A6



070026



# Inverse Universe

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



CD78BE



FF80E8



94CD78



665C64



A60088

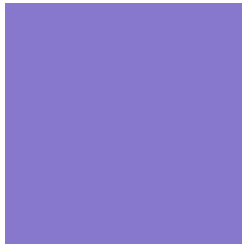


26001F



# Previews

## White Background



This preview shows how the Hex color 8778CD 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

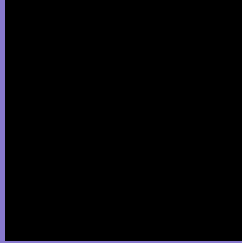
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8778CD Background



This preview shows how black text looks on a background with the Hex color 8778CD.

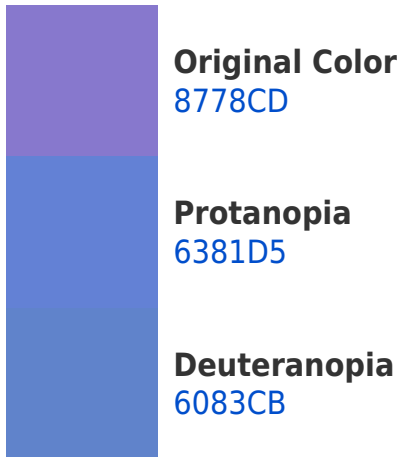


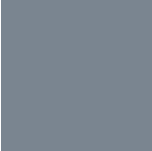
This preview shows how white text looks on a background with the Hex color 8778CD.

# 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](#).

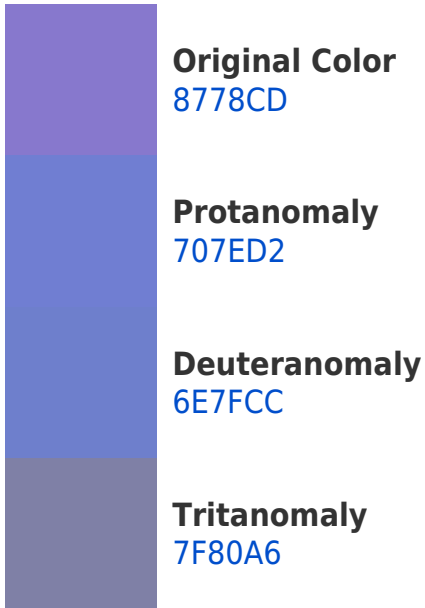
## Dichromacy



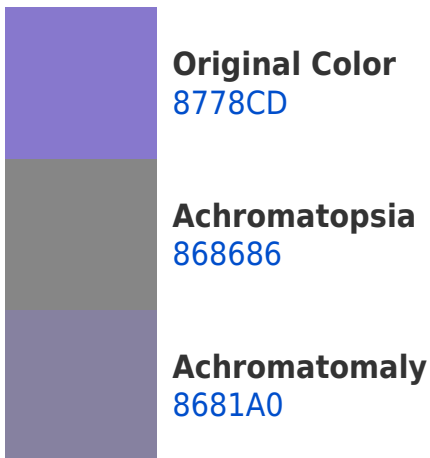


**Tritanopia**  
7A8590

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8778CD 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 #8778CD looks like.

```
.text, #text, p{  
    color:#8778CD  
}
```

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 #8778CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8778CD
}
```

## Border

The CSS property to change the border of an element to Hex 8778CD 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
#8778CD }
```

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

```
.border{ border-color:#8778CD }
```

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

Here you see how a box with a 4 pixel #8778CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8778CD; -webkit-box-shadow:4px 4px  
4px 4px #8778CD; box-shadow:4px 4px 4px  
4px #8778CD }
```

# Background

The CSS property to change the background color of an element to Hex 8778CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8778CD }
```

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

```
.background{ background-color:#8778CD }
```

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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