

# Converting Colors

Hex(798BD2)

Have a look what the booklet for  
Hex(798BD2) contains.

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# **Color**

**Hex(798BD2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	798BD2
RGB	121, 139, 210
RGB Percent	47%, 55%, 82%
CMY	0.5255, 0.4549, 0.1765
CMYK	0.42, 0.34, 0.00, 0.18
HSL	228°, 50%, 65%
HSV	228°, 42%, 82%
XYZ	28.7506, 27.1833, 64.7044
YIQ	141.7120, -33.5190, 18.2650

# Conversions

## Conversions Part 2

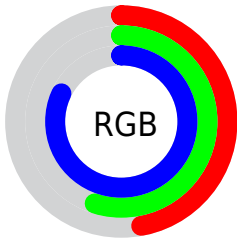
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 136, 210
Decimal	7965650
CIE <sub>Lab</sub>	59.14, 11.74, -38.59
CIE <sub>LCh</sub>	59, 40.336, 286.928
Yxy	27.1833, 0.2383, 0.2253
Android (android.graphics.Color)	4286155730 (0xFF798BD2)
YUV	141.7120, 33.6660, -18.1644
Hunter-Lab	52.1376, 7.1907, -37.0843

# Details

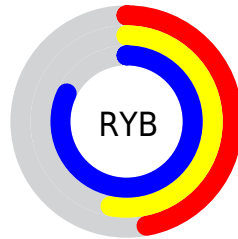
The Hex color **798BD2** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D2C079**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **B1C0FF**, and **42599B** is the 20% darker color. If you saturate the color by 10%, you get **647AD2**, and if you desaturate by 10%, it is **8E9CD2**.

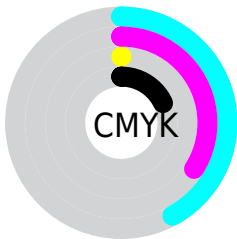
# Distribution



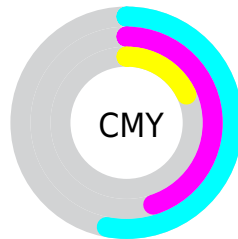
- Red (47%)
- Green (55%)
- Blue (82%)



- Red (47%)
- Yellow (53%)
- Blue (82%)



- Cyan (42%)
- Magenta (34%)
- Yellow (0%)
- Black (18%)



- Cyan (53%)
- Magenta (45%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 798BD2 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 798BD2 by changing the saturation by 10% instead.



 798BD2

 798BD2

FFFFFF

 5E72B6

 B1C0FF

 42599B

 CDDCFF

 254281

 EAF9FF

 002C67

 00194F

 000038

 000221

 000006

 000000

■ 798BD2

■ 798BD2

■ 647AD2

■ 8E9CD2

■ 4F69D2

■ A3ADD2

■ 3A59D2

■ B8BDD2

■ 2548D2

■ CDCED2

■ 1037D2

■ E2DFD2

■ 002AD2

■ F7F0D2

■ FFFFD2

# Harmonies

## Analogous

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



2B97D3



798BD2



AB7DBF

# Triad

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



798BD2



C97A5C



32A07D

# Complementary

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



798BD2



D2C079

# 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.



689B5C



798BD2



B18749

# Square

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



798BD2



D2727C



909349



00A1A2

# Rectangle

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



798BD2



C176AB



909349



479F71



# Sweetspot

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



798BD2



DEE5FF



79D2BF



6B6F80



000000



808080



# Same Dimension

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



798BD2



7D97FF



9279D2



5E6069



0022A8



000829



# Inverse Universe

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



D2798B



FF7D97



B9D279



695E60



A80022

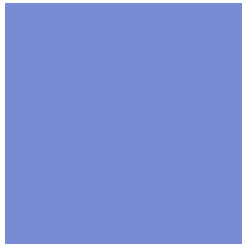


290008



# Previews

## White Background



This preview shows how the Hex color 798BD2 looks on a white background.

## Color Contrast Check

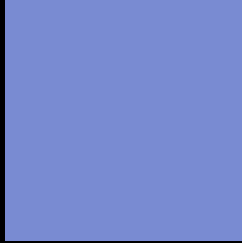
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 798BD2 looks on a 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 798BD2 Background



This preview shows how black text looks on a background with the Hex color 798BD2.



This preview shows how white text looks on a background with the Hex color 798BD2.

# 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**  
798BD2

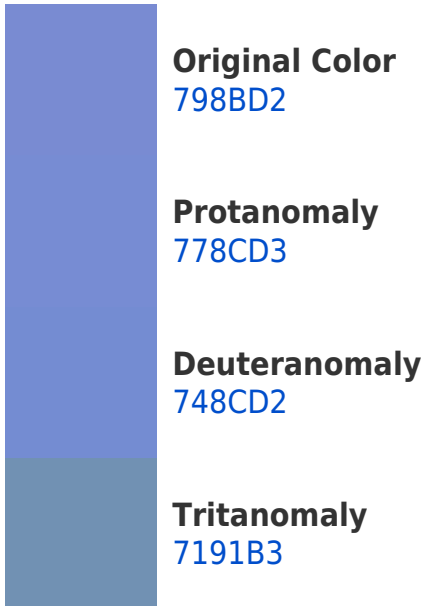
**Protanopia**  
768CD3

**Deuteranopia**  
718DD2

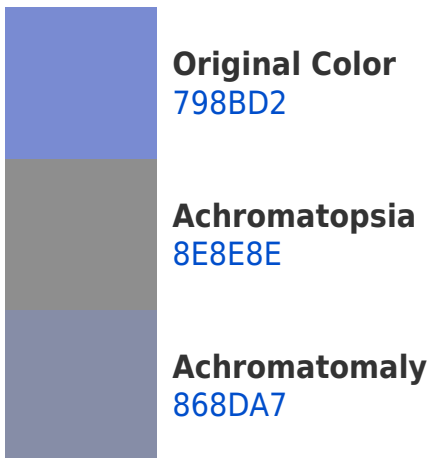


**Tritanopia**  
6C95A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 798BD2 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 #798BD2 looks like.

```
.text, #text, p{  
    color:#798BD2  
}
```

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 #798BD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #798BD2
}
```

## Border

The CSS property to change the border of an element to Hex 798BD2 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
#798BD2 }
```

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

```
.border{ border-color:#798BD2 }
```

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

Here you see how a box with a 4 pixel #798BD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #798BD2; -webkit-box-shadow:4px 4px  
4px 4px #798BD2; box-shadow:4px 4px 4px  
4px #798BD2 }
```

# Background

The CSS property to change the background color of an element to Hex 798BD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#798BD2 }
```

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

```
.background{ background-color:#798BD2 }
```

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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