

# Converting Colors

Hex(778AD9)

Have a look what the booklet for  
Hex(778AD9) contains.

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# **Color**

**Hex(778AD9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	778AD9
RGB	119, 138, 217
RGB Percent	47%, 54%, 85%
CMY	0.5333, 0.4588, 0.1490
CMYK	0.45, 0.36, 0.00, 0.15
HSL	228°, 56%, 66%
HSV	228°, 45%, 85%
XYZ	29.2206, 27.1087, 69.3380
YIQ	141.3250, -36.6830, 20.5410

# Conversions

## Conversions Part 2

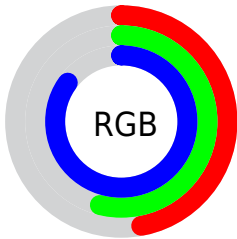
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">119, 135, 217</a>
Decimal	<a href="#">7834329</a>
CIELab	<a href="#">59.07, 13.86, -42.63</a>
CIELCh	<a href="#">59, 44.826, 288.011</a>
Yxy	<a href="#">27.1087, 0.2325, 0.2157</a>
Android (android.graphics.Color)	<a href="#">4286024409 (0xFF778AD9)</a>
YUV	<a href="#">141.3250, 37.3078, -19.5790</a>
Hunter-Lab	<a href="#">52.0660, 9.0628, -42.5124</a>

# Details

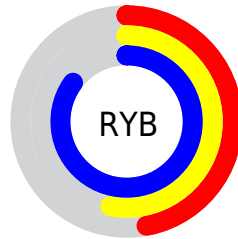
The Hex color **778AD9** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **D9C677**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **AFBFFF**, and **3F58A2** is the 20% darker color. If you saturate the color by 10%, you get **6179D9**, and if you desaturate by 10%, it is **8D9BD9**.

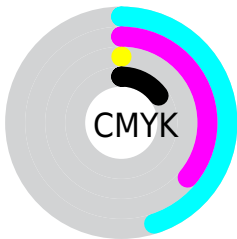
# Distribution



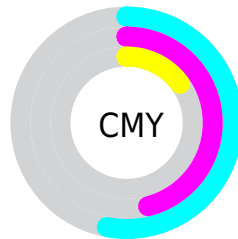
- Red (47%)
- Green (54%)
- Blue (85%)



- Red (47%)
- Yellow (53%)
- Blue (85%)



- Cyan (45%)
- Magenta (36%)
- Yellow (0%)
- Black (15%)



- Cyan (53%)
- Magenta (46%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 778AD9 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 778AD9 by changing the saturation by 10% instead.



■ 778AD9

■ 778AD9

FFFFFF

■ 5B71BD

■ AFBFFF

■ 3F58A2

■ CCDBFF

■ 1F4187

■ E9F7FF

■ 002C6D

■ 001855

■ 00003D

■ 000326

■ 00010F

■ 000000

 778AD9

 778AD9

 6179D9

 8D9BD9

 4C67D9

 A2ADD9

 3656D9

 B8BED9

 2044D9

 CED0D9

 0B33D9

 E3E1D9

 002AD9

 F9F3D9

 FFFFD9

# Harmonies

## Analogous

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



0097DB



778AD9



AF7BC3

# Triad

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



778AD9



CD7855



10A17D

# Complementary

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



778AD9



D9C677

# 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.



619C58



778AD9



B38640

# Square

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



778AD9



D86E78



8E9340



00A2A5

# Rectangle

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



778AD9



C772AC



8E9340



38A06F



# Sweetspot

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



778AD9



DBE2FF



77D9C5



6A6E80



000000



808080



# Same Dimension

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



778AD9



7590FF



9477D9



63656E



0022AD



00092E



# Inverse Universe

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



D9778A



FF7590



BCD977



6E6365



AD0022

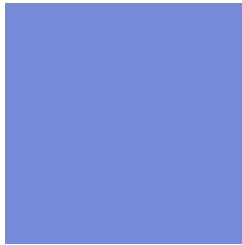


2E0009



# Previews

## White Background



This preview shows how the Hex color 778AD9 looks on a white background.

## Color Contrast Check

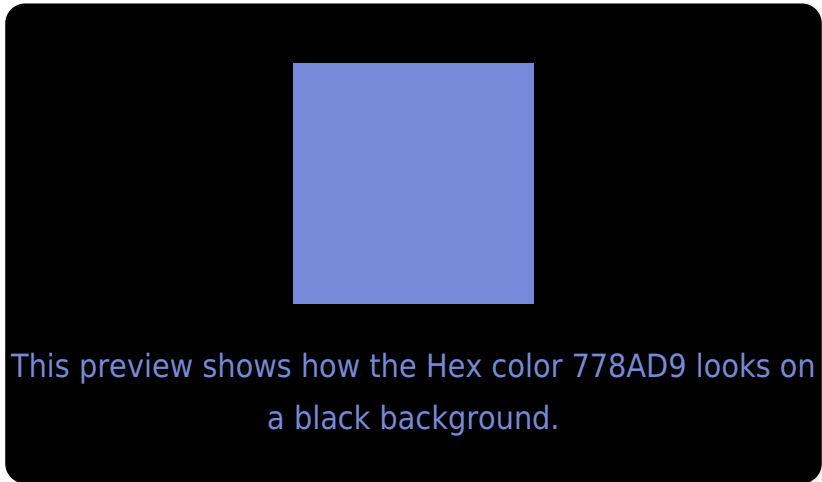
Large Text (above 18pt) WCAG AA ✓ Pass

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 778AD9 Background



This preview shows how black text looks on a background with the Hex color 778AD9.



This preview shows how white text looks on a background with the Hex color 778AD9.

# 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**  
778AD9

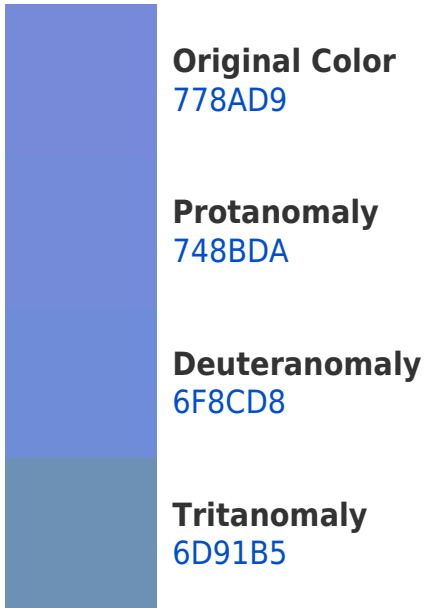
**Protanopia**  
728BDA

**Deuteranopia**  
6A8DD8

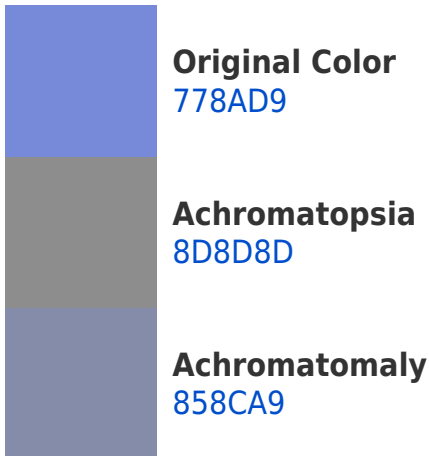


**Tritanopia**  
6795A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 778AD9 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 #778AD9 looks like.

```
.text, #text, p{  
    color:#778AD9  
}
```

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 #778AD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #778AD9
}
```

## Border

The CSS property to change the border of an element to Hex 778AD9 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
#778AD9 }
```

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

```
.border{ border-color:#778AD9 }
```

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

Here you see how a box with a 4 pixel #778AD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #778AD9; -webkit-box-shadow:4px 4px  
4px 4px #778AD9; box-shadow:4px 4px 4px  
4px #778AD9 }
```

# Background

The CSS property to change the background color of an element to Hex 778AD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#778AD9 }
```

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

```
.background{ background-color:#778AD9 }
```

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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