

# Converting Colors

Hex(7B79E2)

Have a look what the booklet for  
Hex(7B79E2) contains.

<b>Hex(7B79E2)</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(7B79E2)

# Conversions

## Conversions Part 1

Format	Color
Hex	7B79E2
RGB	123, 121, 226
RGB Percent	48%, 47%, 89%
CMY	0.5176, 0.5255, 0.1137
CMYK	0.46, 0.46, 0.00, 0.11
HSL	241°, 64%, 68%
HSV	241°, 46%, 89%
XYZ	28.7332, 23.3767, 74.9493
YIQ	133.5680, -32.5130, 33.0790

# Conversions

## Conversions Part 2

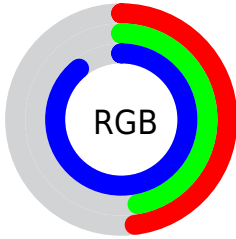
Format	Color
R <sub>Y</sub> B	123, 121, 226
Decimal	8092130
CIE Lab	55.46, 27.56, -53.39
CIE LCh	55, 60.081, 297.306
Yxy	23.3767, 0.2261, 0.1840
Android (android.graphics.Color)	4286282210 (0xFF7B79E2)
YUV	133.5680, 45.5690, -9.2681
Hunter-Lab	48.3494, 21.4679, -58.0642

# Details

The Hex color **7B79E2** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **E0E279**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **B4ADFF**, and **4149AA** is the 20% darker color. If you saturate the color by 10%, you get **6562E2**, and if you desaturate by 10%, it is **9190E2**.

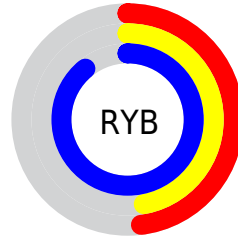
# Distribution



Red (48%)

Green (47%)

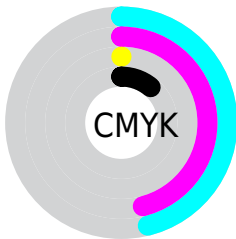
Blue (89%)



Red (48%)

Yellow (47%)

Blue (89%)

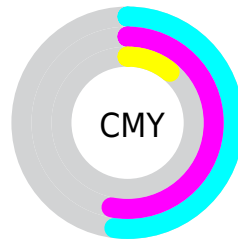


Cyan (46%)

Magenta (46%)

Yellow (0%)

Black (11%)



Cyan (52%)

Magenta (53%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B79E2 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 7B79E2 by changing the saturation by 10% instead.



7B79E2

7B79E2

FFFFFF

5F60C6

B4ADFF

4149AA

D1C9FF

1F328F

EFE5FF

001D75

00095B

000143

00032C

000116

000000

■ 7B79E2

■ 7B79E2

■ 6562E2

■ 9190E2

■ 4F4CE2

■ A7A6E2

■ 3835E2

■ BEBDE2

■ 221FE2

■ D4D3E2

■ 0C08E2

■ EAEAE2

■ 0400E2

■ FFFFE2

# Harmonies

## Analogous

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



008CED



7B79E2



BF61BE

# Triad

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



7B79E2



C96C2B



009D7E

# Complementary

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



7B79E2



E0E279

# 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.



1A9949



7B79E2



A28104

# Square

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



7B79E2



E05758



70901A



009DB3

# Rectangle

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



7B79E2



D7559D



70901A



009C6C



# Sweetspot

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



7B79E2



DCDBFF



79E0E2



6A6A80



000000



808080



# Same Dimension

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



7B79E2



7370FF



AF79E2



656570



0300B0



010030



# Inverse Universe

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



E279E0



FF70FC



ACE279



706570



B000AD

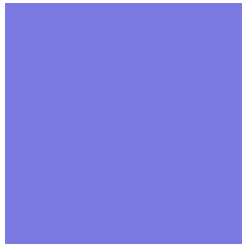


300030



# Previews

## White Background



This preview shows how the Hex color 7B79E2 looks on a white background.

## Color Contrast Check

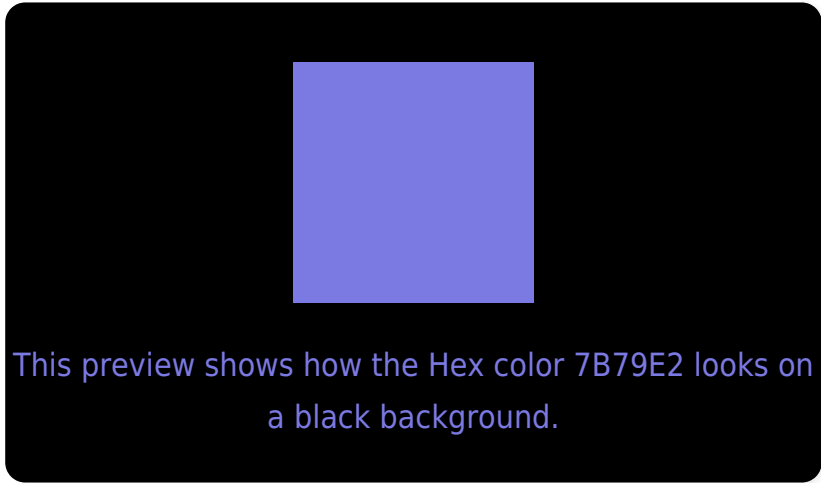
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B79E2 Background



This preview shows how black text looks on a background with the Hex color 7B79E2.



This preview shows how white text looks on a background with the Hex color 7B79E2.

# 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](#).

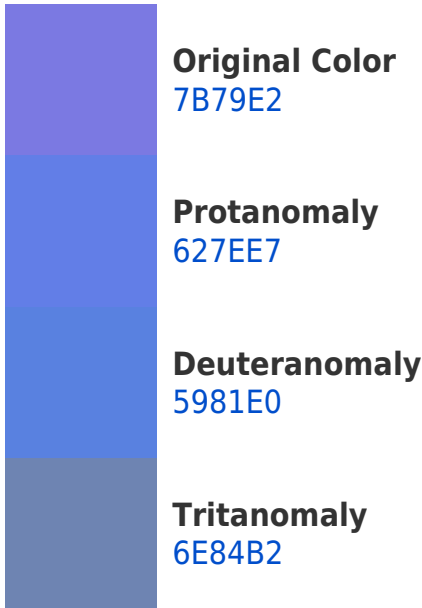
## Dichromacy





**Tritanopia**  
668B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B79E2 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 #7B79E2 looks like.

```
.text, #text, p{  
    color:#7B79E2  
}
```

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 #7B79E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B79E2
}
```

## Border

The CSS property to change the border of an element to Hex 7B79E2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

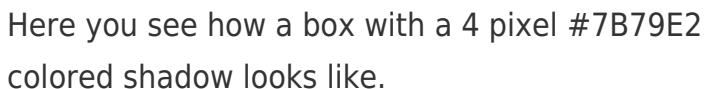
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B79E2 }
```

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

```
.border{ border-color:#7B79E2 }
```

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



Here you see how a box with a 4 pixel #7B79E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B79E2; -webkit-box-shadow:4px 4px  
4px 4px #7B79E2; box-shadow:4px 4px 4px  
4px #7B79E2 }
```

# Background

The CSS property to change the background color of an element to Hex 7B79E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B79E2 }
```

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

```
.background{ background-color:#7B79E2 }
```

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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