

# Converting Colors

Hex(7575C0)

Have a look what the booklet for  
Hex(7575C0) contains.

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# Color

Hex(7575C0)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7575C0
RGB	117, 117, 192
RGB Percent	46%, 46%, 75%
CMY	0.5412, 0.5412, 0.2471
CMYK	0.39, 0.39, 0.00, 0.25
HSL	240°, 37%, 61%
HSV	240°, 39%, 75%
XYZ	23.2118, 20.3103, 52.5660
YIQ	125.5500, -24.0750, 23.3250

# Conversions

## Conversions Part 2

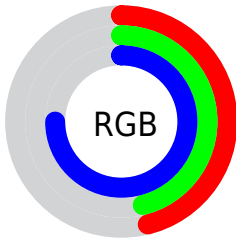
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 117, 192
Decimal	7697856
CIE <sub>Lab</sub>	52.19, 18.63, -39.33
CIE <sub>LCh</sub>	52, 43.520, 295.339
Yxy	20.3103, 0.2416, 0.2114
Android (android.graphics.Color)	4285887936 (0xFF7575C0)
YUV	125.5500, 32.7598, -7.4984
Hunter-Lab	45.0669, 13.0698, -37.6090

# Details

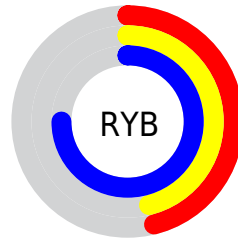
The Hex color **7575C0** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **C0C075**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **ACA9F9**, and **40458A** is the 20% darker color. If you saturate the color by 10%, you get **6262C0**, and if you desaturate by 10%, it is **8888C0**.

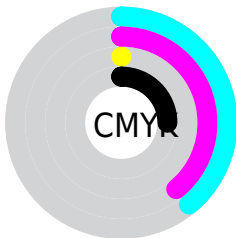
# Distribution



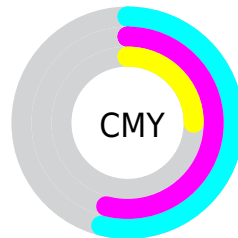
- Red (46%)
- Green (46%)
- Blue (75%)



- Red (46%)
- Yellow (46%)
- Blue (75%)



- Cyan (39%)
- Magenta (39%)
- Yellow (0%)
- Black (25%)



- Cyan (54%)
- Magenta (54%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7575C0 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 7575C0 by changing the saturation by 10% instead.



■ 7575C0

■ 7575C0

FFFFFF

■ 5A5CA5

■ ACA9F9

■ 40458A

■ C8C4FF

■ 242F70

■ E5E0FF

■ 001A57

■ FFFDFF

■ 000040

■ 000329

■ 000113

■ 000000

■ 7575C0

■ 7575C0

6262C0

8888C0

4F4FC0

9B9BC0

3B3BC0

AFAFC0

2828C0

C2C2C0

1515C0

D5D5C0

0202C0

E8E8C0

0000C0

FBFBC0

FFFFC0

# Harmonies

## Analogous

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



1682C7



7575C0



A566A7

# Triad

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



7575C0



B36B40



008F75

# Complementary

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



7575C0



C0C075

# 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.



448B50



7575C0



97782F

# Square

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



7575C0



C15F5F



728436



008F9B

# Rectangle

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



7575C0



B85F90



728436



008E68



# Sweetspot

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



7575C0



DCDCFA



75C0C0



6B6B7D



FCFCFC



7D7D7D



# Same Dimension

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



7575C0



8484FA



9B75C0



575761



0000A1



000021



# Inverse Universe

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



C075C0



FA84FA



9BC075



615761



A100A1

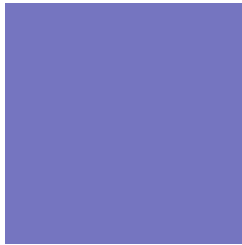


210021



# Previews

## White Background



This preview shows how the Hex color 7575C0 looks on a white background.

## Color Contrast Check

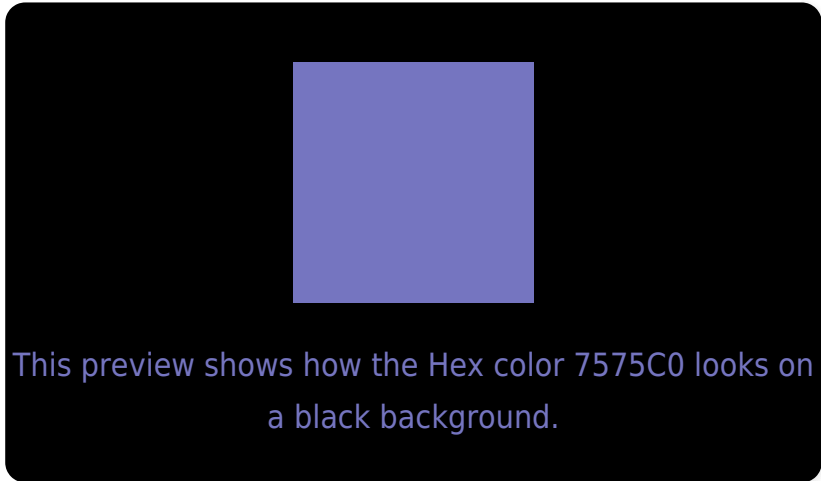
Large Text (above 18pt) WCAG AA ✓ Pass

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

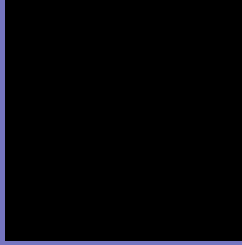
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7575C0 Background



This preview shows how black text looks on a background with the Hex color 7575C0.

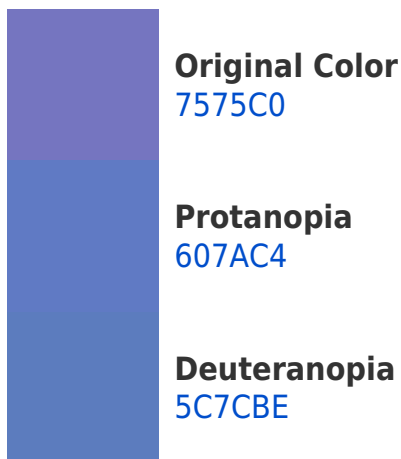


This preview shows how white text looks on a background with the Hex color 7575C0.

# 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](#).

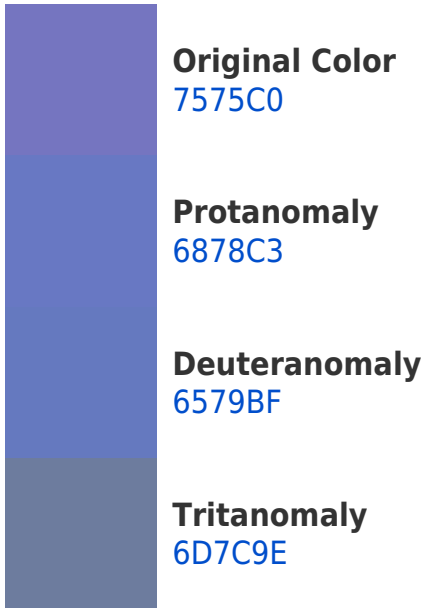
## Dichromacy





**Tritanopia**  
68808B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7575C0 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 #7575C0 looks like.

```
.text, #text, p{  
    color:#7575C0  
}
```

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 #7575C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7575C0  
}
```

## Border

The CSS property to change the border of an element to Hex 7575C0 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  
#7575C0 }
```

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

```
.border{ border-color:#7575C0 }
```

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

Here you see how a box with a 4 pixel #7575C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7575C0; -webkit-box-shadow:4px 4px  
4px 4px #7575C0; box-shadow:4px 4px 4px  
4px #7575C0 }
```

# Background

The CSS property to change the background color of an element to Hex 7575C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7575C0 }
```

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

```
.background{ background-color:#7575C0 }
```

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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