

# Converting Colors

Hex(7575D3)

Have a look what the booklet for  
Hex(7575D3) contains.

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# **Color**

**Hex(7575D3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7575D3
RGB	117, 117, 211
RGB Percent	46%, 46%, 83%
CMY	0.5412, 0.5412, 0.1725
CMYK	0.45, 0.45, 0.00, 0.17
HSL	240°, 52%, 64%
HSV	240°, 45%, 83%
XYZ	25.4553, 21.2076, 64.3799
YIQ	127.7160, -30.1740, 29.2340

# Conversions

## Conversions Part 2

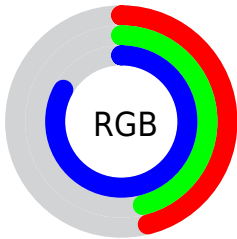
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 117, 211
Decimal	7697875
CIE <sub>Lab</sub>	53.18, 24.12, -48.60
CIE <sub>LCh</sub>	53, 54.253, 296.397
Yxy	21.2076, 0.2292, 0.1910
Android (android.graphics.Color)	4285887955 (0xFF7575D3)
YUV	127.7160, 41.0590, -9.3979
Hunter-Lab	46.0517, 18.0760, -50.6506

# Details

The Hex color **7575D3** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **D3D375**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **ADA9FF**, and **3D459C** is the 20% darker color. If you saturate the color by 10%, you get **6060D3**, and if you desaturate by 10%, it is **8A8AD3**.

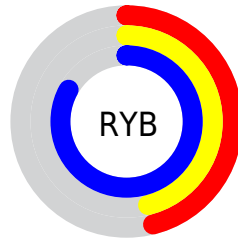
# Distribution



Red (46%)

Green (46%)

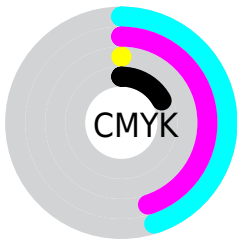
Blue (83%)



Red (46%)

Yellow (46%)

Blue (83%)

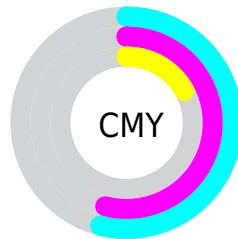


Cyan (45%)

Magenta (45%)

Yellow (0%)

Black (17%)



Cyan (54%)

Magenta (54%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7575D3 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 7575D3 by changing the saturation by 10% instead.



■ 7575D3

■ 7575D3

FFFFFF

■ 595CB7

■ ADA9FF

■ 3D459C

■ CAC4FF

■ 1C2F81

■ E7E0FF

■ 001A68

■ FFFDFF

■ 00024F

■ 000537

■ 000221

■ 000006

■ 000000

 7575D3

 7575D3

 6060D3

 8A8AD3

 4B4BD3

 9F9FD3

 3636D3

 B4B4D3

 2121D3

 C9C9D3

 0C0CD3

 DFDFD3

 0000D3

 F4F4D3

 FFFFD3

# Harmonies

## Analogous

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



0086DC



7575D3



B261B3

# Triad

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



7575D3



BE6831



009578

# Complementary

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



7575D3



D3D375

# 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.



2C9149



7575D3



9C7B16

# Square

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



7575D3



D25758



6E8822



0095A7

# Rectangle

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



7575D3



C95696



6E8822



009467



# Sweetspot

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



7575D3



DEDEFF



75D3D3



6B6B80



000000



808080



# Same Dimension

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



7575D3



7878FF



A475D3



5E5E69



0000A8



000029



# Inverse Universe

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



D375D3



FF78FF



A4D375



695E69



A800A8

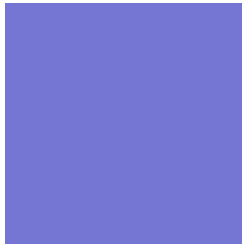


290029



# Previews

## White Background



This preview shows how the Hex color 7575D3 looks on a white background.

## Color Contrast Check

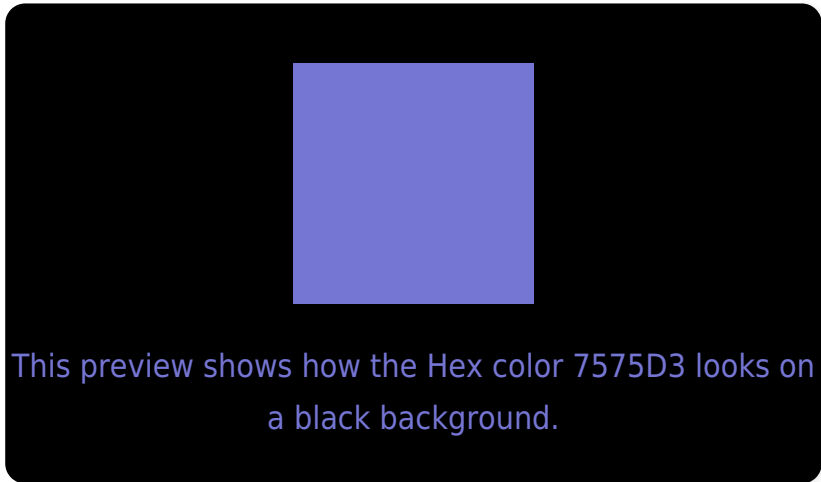
Large Text (above 18pt) WCAG AA ✓ Pass

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

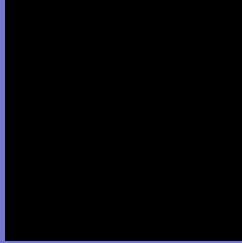
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7575D3 Background



This preview shows how black text looks on a background with the Hex color 7575D3.

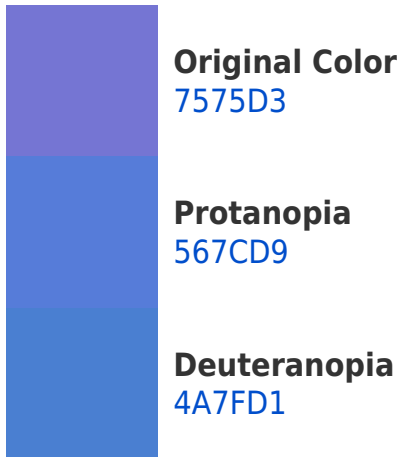



This preview shows how white text looks on a background with the Hex color 7575D3.

# 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](#).

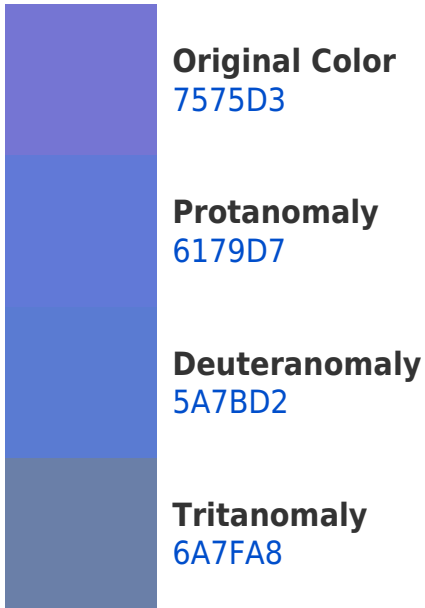
## Dichromacy



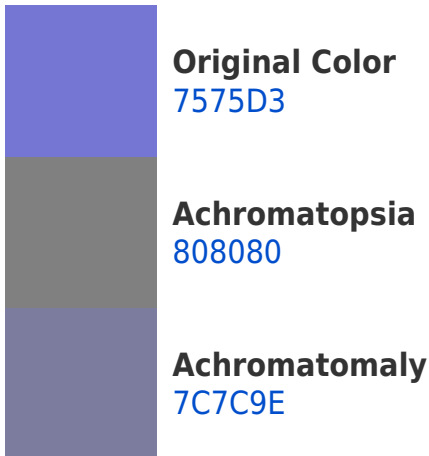


**Tritanopia**  
63848F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7575D3 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 #7575D3 looks like.

```
.text, #text, p{  
    color:#7575D3  
}
```

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 #7575D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7575D3
}
```

## Border

The CSS property to change the border of an element to Hex 7575D3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

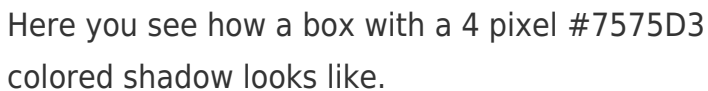
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7575D3 }
```

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

```
.border{ border-color:#7575D3 }
```

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



Here you see how a box with a 4 pixel #7575D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7575D3; -webkit-box-shadow:4px 4px  
4px 4px #7575D3; box-shadow:4px 4px 4px  
4px #7575D3 }
```

# Background

The CSS property to change the background color of an element to Hex 7575D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7575D3 }
```

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

```
.background{ background-color:#7575D3 }
```

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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