

# Converting Colors

Hex(7572D6)

Have a look what the booklet for  
Hex(7572D6) contains.

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# **Color**

**Hex(7572D6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7572D6
RGB	117, 114, 214
RGB Percent	46%, 45%, 84%
CMY	0.5412, 0.5529, 0.1608
CMYK	0.45, 0.47, 0.00, 0.16
HSL	242°, 55%, 64%
HSV	242°, 47%, 84%
XYZ	25.4910, 20.6716, 66.2648
YIQ	126.2970, -30.3120, 31.7360

# Conversions

## Conversions Part 2

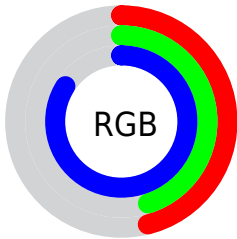
Format	Color
R <sub>Y</sub> B	117, 114, 214
Decimal	7697110
CIE Lab	52.59, 26.80, -51.23
CIE LCh	53, 57.820, 297.618
Yxy	20.6716, 0.2267, 0.1839
Android (android.graphics.Color)	4285887190 (0xFF7572D6)
YUV	126.2970, 43.2376, -8.1535
Hunter-Lab	45.4660, 20.5125, -54.5865

# Details

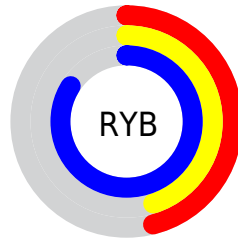
The Hex color **7572D6** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **D3D672**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **AEA6FF**, and **3C429F** is the 20% darker color. If you saturate the color by 10%, you get **605DD6**, and if you desaturate by 10%, it is **8A87D6**.

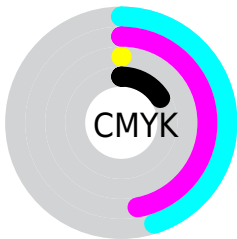
# Distribution



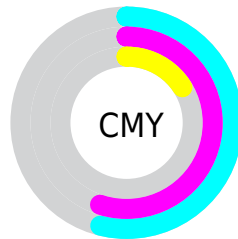
- Red (46%)
- Green (45%)
- Blue (84%)



- Red (46%)
- Yellow (45%)
- Blue (84%)



- Cyan (45%)
- Magenta (47%)
- Yellow (0%)
- Black (16%)



- Cyan (54%)
- Magenta (55%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7572D6 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 7572D6 by changing the saturation by 10% instead.



7572D6

7572D6

FFFFFF

5959BA

AEA6FF

3C429F

CAC1FF

1A2C84

E8DDFF

00186A

FFF9FF

000051

000539

000223

00000A

000000

 7572D6

 7572D6

 605DD6

 8A87D6

 4B47D6

 9F9DD6

 3732D6

 B3B2D6

 221CD6

 C8C8D6

 0D07D6

 DDDDD6

 0600D6

 F2F2D6

 FFFFD6

# Harmonies

## Analogous

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



0085E1



7572D6



B55BB3

# Triad

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



7572D6



BF6627



009478

# Complementary

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



7572D6



D3D672

# 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.



159045



7572D6



997A03

# Square

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



7572D6



D45253



698818



0094AA

# Rectangle

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



7572D6



CC4F94



698818



009367



# Sweetspot

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



7572D6



DCDBFF



72D4D6



6A6A80



000000



808080



# Same Dimension

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



7572D6



7470FF



A672D6



61606B



0500AB



01002B



# Inverse Universe

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



D672D3



FF70FB



A2D672



6B606B



AB00A6

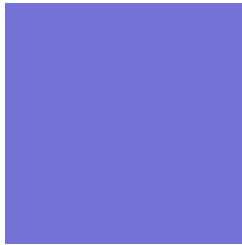


2B002A



# Previews

## White Background



This preview shows how the Hex color 7572D6 looks on a white background.

## Color Contrast Check

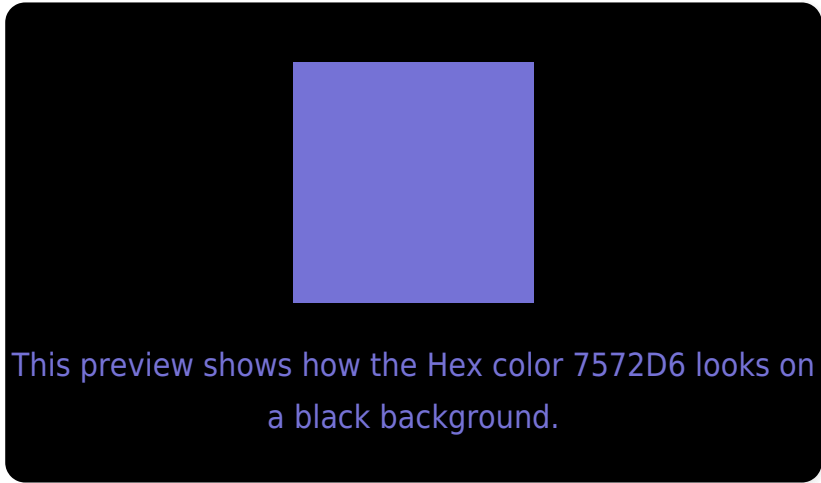
Large Text (above 18pt) WCAG AA ✓ Pass

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 7572D6 Background



This preview shows how black text looks on a background with the Hex color 7572D6.

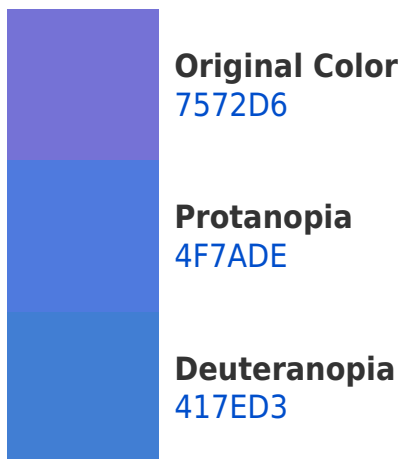



This preview shows how white text looks on a background with the Hex color 7572D6.

# 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**  
61838D

# Trichromacy



**Original Color**  
7572D6

**Protanomaly**  
5D77DB

**Deuteranomaly**  
547AD4

**Tritanomaly**  
687DA8

# Monochromacy



**Original Color**  
7572D6

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
7B7A9E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7572D6 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 #7572D6 looks like.

```
.text, #text, p{  
    color:#7572D6  
}
```

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 #7572D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7572D6
}
```

## Border

The CSS property to change the border of an element to Hex 7572D6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

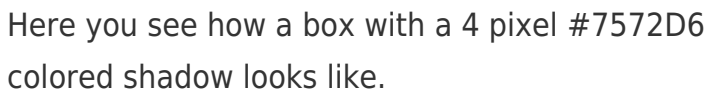
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7572D6 }
```

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

```
.border{ border-color:#7572D6 }
```

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



Here you see how a box with a 4 pixel #7572D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7572D6; -webkit-box-shadow:4px 4px  
4px 4px #7572D6; box-shadow:4px 4px 4px  
4px #7572D6 }
```

# Background

The CSS property to change the background color of an element to Hex 7572D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7572D6 }
```

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

```
.background{ background-color:#7572D6 }
```

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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