

# Converting Colors

Hex(7650C3)

Have a look what the booklet for  
Hex(7650C3) contains.

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**Color**

**Hex(7650C3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7650C3
RGB	118, 80, 195
RGB Percent	46%, 31%, 76%
CMY	0.5373, 0.6863, 0.2353
CMYK	0.39, 0.59, 0.00, 0.24
HSL	260°, 49%, 54%
HSV	260°, 59%, 76%
XYZ	20.1902, 13.5290, 53.1770
YIQ	104.4720, -14.2670, 43.8210

# Conversions

## Conversions Part 2

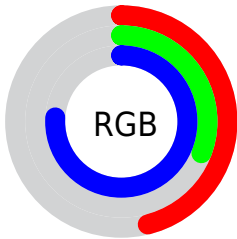
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	118, 80, 195
Decimal	7753923
CIE Lab	43.55, 41.65, -54.83
CIE LCh	44, 68.858, 307.225
Yxy	13.5290, 0.2323, 0.1557
Android (android.graphics.Color)	4285944003 (0xFF7650C3)
YUV	104.4720, 44.6303, 11.8641
Hunter-Lab	36.7818, 33.6138, -59.9708

# Details

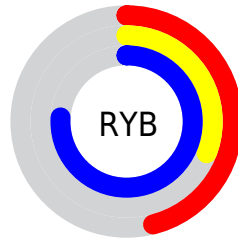
The Hex color **7650C3** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **9DC350**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **AE83FC**, and **3E208C** is the 20% darker color. If you saturate the color by 10%, you get **693DC3**, and if you desaturate by 10%, it is **8363C3**.

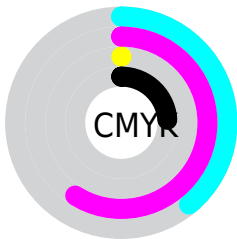
# Distribution



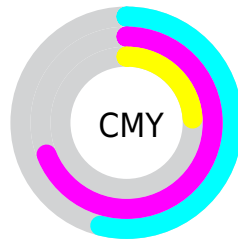
- Red (46%)
- Green (31%)
- Blue (76%)



- Red (46%)
- Yellow (31%)
- Blue (76%)



- Cyan (39%)
- Magenta (59%)
- Yellow (0%)
- Black (24%)



- Cyan (54%)
- Magenta (69%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7650C3 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 7650C3 by changing the saturation by 10% instead.



 7650C3

 7650C3

FFFFFF

 5A38A7

 AE83FC

 3E208C

 CB9DFF

 1E0772

 E8B9FF

 000059

 FFD5FF

 000041

 FFF1FF

 00032A

 000114

 000000

 7650C3

 7650C3

693DC3

8363C3

5C29C3

9077C3

4F15C3

9D8AC3

4202C3

AA9EC3

4000C3

B7B2C3

C4C5C3

D1D9C3

DEECC3

ECFFC3

# Harmonies

## Analogous

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



006ADA



7650C3



B42B94

# Triad

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



7650C3



9F5300



007F74

# Complementary

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



7650C3



9DC350

# 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.



007C37



7650C3



716900

# Square

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



7650C3



BF3224



307600



007EAB

# Rectangle

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



7650C3



C5136F



307600



007F60



# Sweetspot

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



7650C3



DECFFC



509FC3



6D6380



000000



808080



# Same Dimension

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



7650C3



8449FC



AE50C3



5A5761



3500A1



0B0021



# Inverse Universe

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



C3509D



FC49C1



65C350



61575E



A1006C

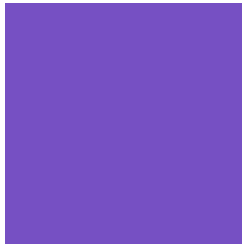


210016



# Previews

## White Background



This preview shows how the Hex color 7650C3 looks on a white background.

## Color Contrast Check

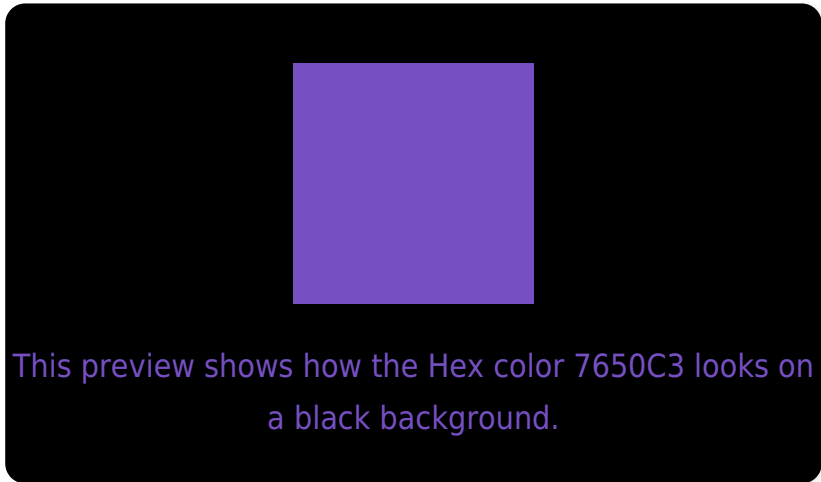
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

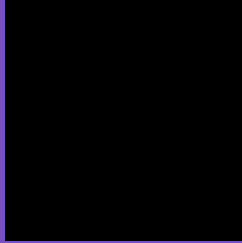
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7650C3 Background



This preview shows how black text looks on a background with the Hex color 7650C3.

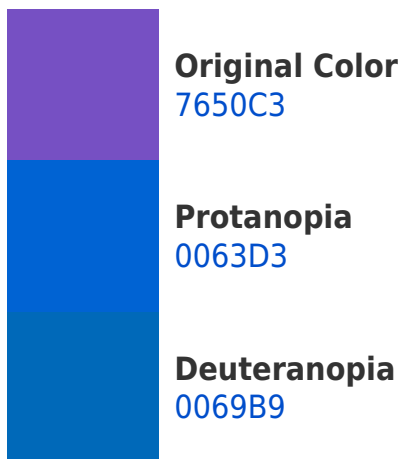



This preview shows how white text looks on a background with the Hex color 7650C3.

# 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](#).

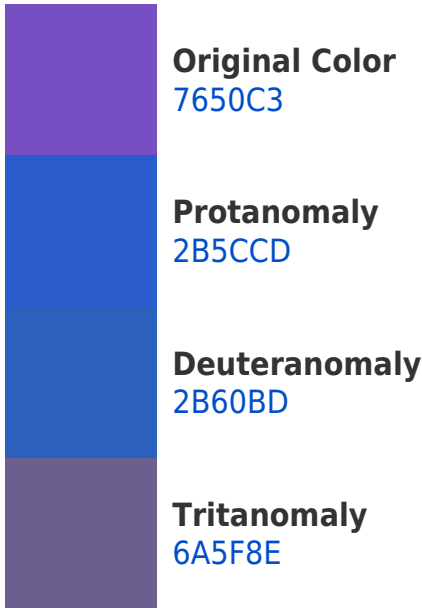
## Dichromacy





**Tritanopia**  
63676F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7650C3 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 #7650C3 looks like.

```
.text, #text, p{  
    color:#7650C3  
}
```

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 #7650C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7650C3
}
```

## Border

The CSS property to change the border of an element to Hex 7650C3 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
#7650C3 }
```

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

```
.border{ border-color:#7650C3 }
```

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

Here you see how a box with a 4 pixel #7650C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7650C3; -webkit-box-shadow:4px 4px  
4px 4px #7650C3; box-shadow:4px 4px 4px  
4px #7650C3 }
```

# Background

The CSS property to change the background color of an element to Hex 7650C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7650C3 }
```

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

```
.background{ background-color:#7650C3 }
```

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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