

Converting Colors

Hex(7665CD)

Have a look what the booklet for
Hex(7665CD) contains.

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Color

Hex(7665CD)

Conversions

Conversions Part 1

Format	Color
Hex	7665CD
RGB	118, 101, 205
RGB Percent	46%, 40%, 80%
CMY	0.5373, 0.6039, 0.1961
CMYK	0.42, 0.51, 0.00, 0.20
HSL	250°, 51%, 60%
HSV	250°, 51%, 80%
XYZ	23.1443, 17.5667, 59.9285
YIQ	117.9390, -23.2520, 35.9480

Conversions

Conversions Part 2

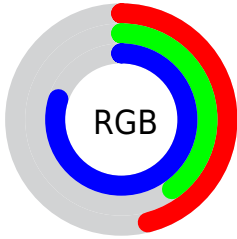
Format	Color
R_{YB}	118, 101, 205
Decimal	7759309
CIE _{Lab}	48.97, 32.20, -51.89
CIE _{LCh}	49, 61.072, 301.821
Yxy	17.5667, 0.2300, 0.1746
Android (android.graphics.Color)	4285949389 (0xFF7665CD)
YUV	117.9390, 42.9211, 0.0535
Hunter-Lab	41.9126, 25.2214, -55.4365

Details

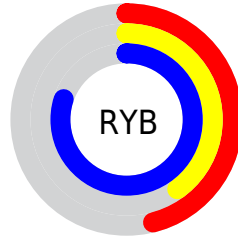
The Hex color **7665CD** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **BCCD65**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **AE98FF**, and **3E3696** is the 20% darker color. If you saturate the color by 10%, you get **6551CD**, and if you desaturate by 10%, it is **877ACD**.

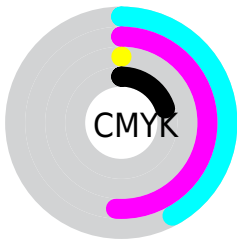
Distribution



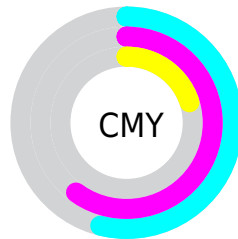
- Red (46%)
- Green (40%)
- Blue (80%)



- Red (46%)
- Yellow (40%)
- Blue (80%)



- Cyan (42%)
- Magenta (51%)
- Yellow (0%)
- Black (20%)



- Cyan (54%)
- Magenta (60%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7665CD 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 7665CD by changing the saturation by 10% instead.

■ 7665CD

■ 7665CD

FFFFFF

■ 5A4DB1

■ AE98FF

■ 3E3696

■ CBB3FF

■ 1E207C

■ E8CFFF

■ 000B62

■ FFEBFF

■ 00004A

■ 000432

■ 00021C

■ 000000

■ 7665CD

■ 7665CD

6551CD

877ACD

543CCD

988ECD

4327CD

A9A3CD

3113CD

BBB7CD

2200CD

CCCCCD

DDE0CD

EEF5CD

FFFFCD

Harmonies

Analogous

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



007ADC



7665CD



B44BA6

Triad

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



7665CD



B25F0F



008C76

Complementary

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



7665CD



BCCD65

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.



008840



7665CD



897300

Square

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



7665CD



CB4741



558106



008BAA

Rectangle

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



7665CD



C93E85



558106



008B64

Sweetspot

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



7665CD



DFD9FF



65BDCD



6C6980



000000



808080

Same Dimension

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



7665CD



7D63FF



A965CD



5D5C66



1B00A6



060026

Inverse Universe

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



CD65BC



FF63E6



89CD65



665C64



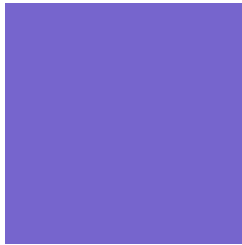
A6008B



260020

Previews

White Background



This preview shows how the Hex color 7665CD 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

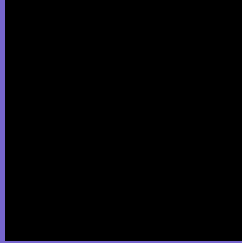
Any Text WCAG AA ✓ Pass

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 7665CD Background



This preview shows how black text looks on a background with the Hex color 7665CD.

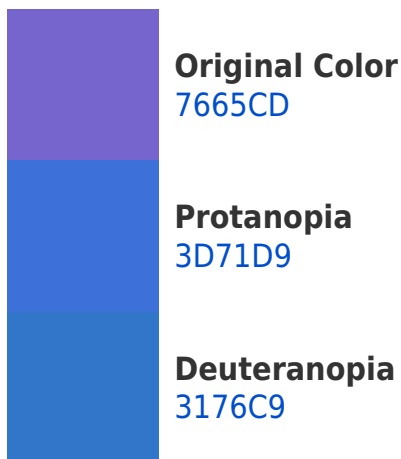


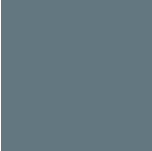
This preview shows how white text looks on a background with the Hex color 7665CD.

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](#).

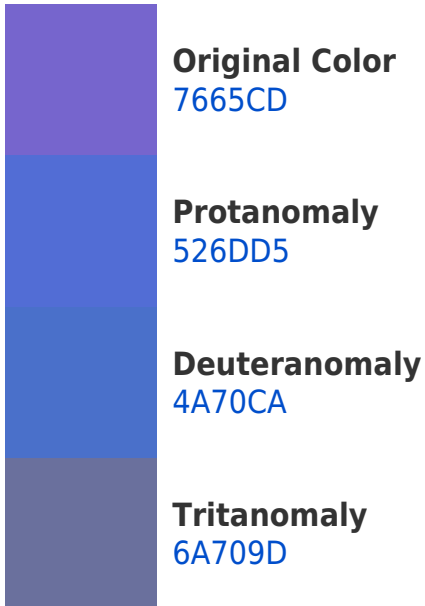
Dichromacy





Tritanopia
637781

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7665CD 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 #7665CD looks like.

```
.text, #text, p{  
    color:#7665CD  
}
```

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 #7665CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7665CD
}
```

Border

The CSS property to change the border of an element to Hex 7665CD 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
#7665CD }
```

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

```
.border{ border-color:#7665CD }
```

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

Here you see how a box with a 4 pixel #7665CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7665CD; -webkit-box-shadow:4px 4px  
4px 4px #7665CD; box-shadow:4px 4px 4px  
4px #7665CD }
```

Background

The CSS property to change the background color of an element to Hex 7665CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7665CD }
```

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

```
.background{ background-color:#7665CD }
```

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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