

# Converting Colors

Hex(756CDA)

Have a look what the booklet for  
Hex(756CDA) contains.

<b>Hex(756CDA)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(756CDA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	756CDA
RGB	117, 108, 218
RGB Percent	46%, 42%, 85%
CMY	0.5412, 0.5765, 0.1451
CMYK	0.46, 0.50, 0.00, 0.15
HSL	245°, 60%, 64%
HSV	245°, 50%, 85%
XYZ	25.3536, 19.5690, 68.7706
YIQ	123.2310, -29.9460, 36.1180

# Conversions

## Conversions Part 2

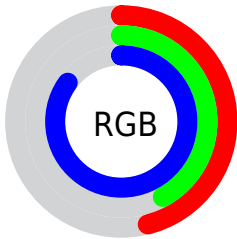
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">117, 108, 218</a>
Decimal	<a href="#">7695578</a>
CIELab	<a href="#">51.35, 31.58, -55.48</a>
CIELCh	<a href="#">51, 63.839, 299.645</a>
Yxy	<a href="#">19.5690, 0.2230, 0.1721</a>
Android (android.graphics.Color)	<a href="#">4285885658 (0xFF756CDA)</a>
YUV	<a href="#">123.2310, 46.7211, -5.4646</a>
Hunter-Lab	<a href="#">44.2368, 24.8896, -61.2064</a>

# Details

The Hex color **756CDA** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **D1DA6C**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **AEA0FF**, and **3A3CA2** is the 20% darker color. If you saturate the color by 10%, you get **6156DA**, and if you desaturate by 10%, it is **8982DA**.

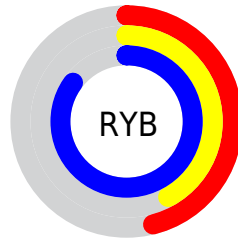
# Distribution



Red (46%)

Green (42%)

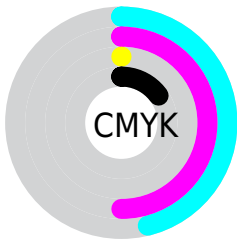
Blue (85%)



Red (46%)

Yellow (42%)

Blue (85%)

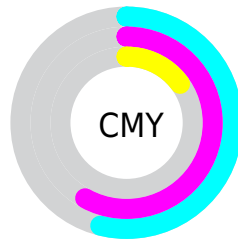


Cyan (46%)

Magenta (50%)

Yellow (0%)

Black (15%)



Cyan (54%)

Magenta (58%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 756CDA 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 756CDA by changing the saturation by 10% instead.



■ 756CDA

■ 756CDA

FFFFFF

■ 5854BE

■ AEA0FF

■ 3A3CA2

■ CBBBFF

■ 152687

■ E9D6FF

■ 00126D

■ FFF3FF

■ 000055

■ 00063C

■ 000226

■ 00010E

■ 000000

 756CDA

 756CDA

 6156DA

 8982DA

 4D40DA

 9D98DA

 392BDA

 B1ADDA

 2515DA

 C5C3DA

 1200DA

 D9D9DA

 EDEFDA

 FFFFDA

# Harmonies

## Analogous

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



0081E8



756CDA



BA51B2

# Triad

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



756CDA



BD6214



009378

# Complementary

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



756CDA



D1DA6C

# 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.



008F3F



756CDA



947800

# Square

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



756CDA



D74948



5E8700



0093AF

# Rectangle

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



756CDA



D24290



5E8700



009265



# Sweetspot

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



756CDA



DCD9FF



6CD3DA



6A6980



000000



808080



# Same Dimension

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



756CDA



7063FF



AA6CDA



64636E



0E00AD



04002E



# Inverse Universe

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



DA6CD1



FF63F2



9CDA6C



6E636D



AD009F

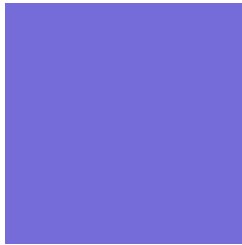


2E002A



# Previews

## White Background



This preview shows how the Hex color 756CDA looks on a white background.

## Color Contrast Check

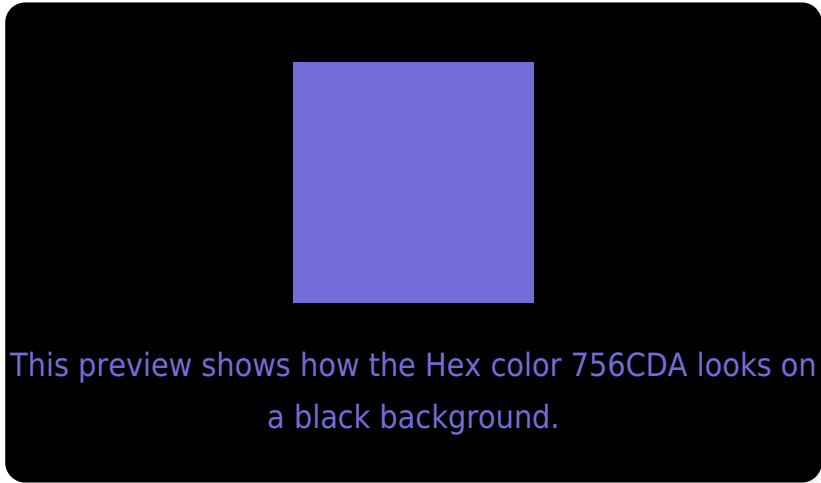
Large Text (above 18pt) WCAG AA ✓ Pass

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

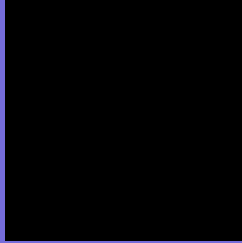
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 756CDA Background



This preview shows how black text looks on a background with the Hex color 756CDA.

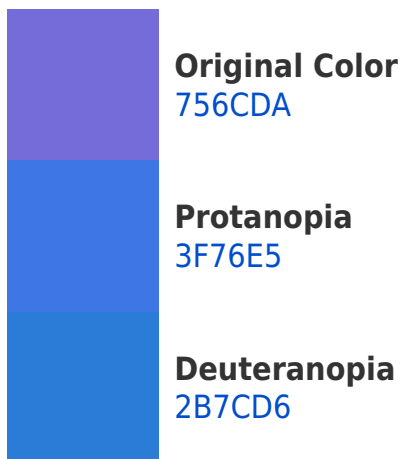


This preview shows how white text looks on a background with the Hex color 756CDA.

# 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](#).

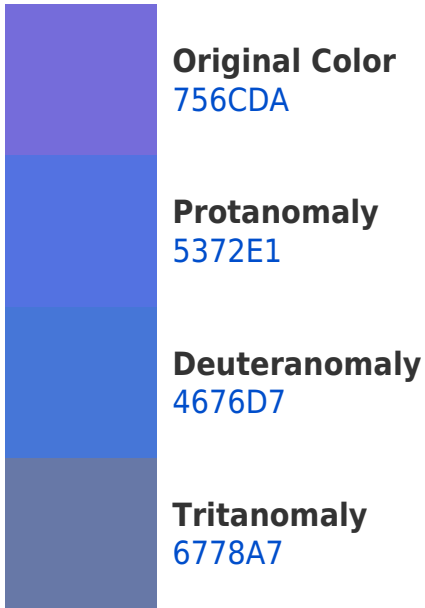
## Dichromacy



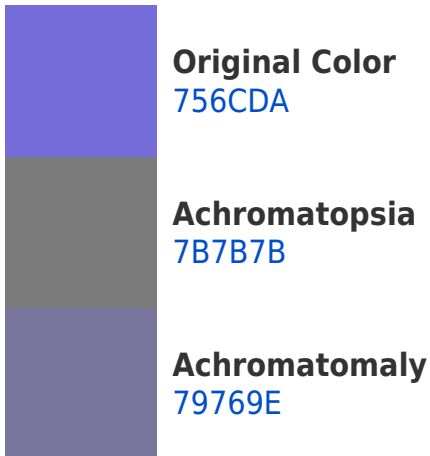


**Tritanopia**  
5F7F8A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 756CDA 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 #756CDA looks like.

```
.text, #text, p{  
    color:#756CDA  
}
```

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 #756CDA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #756CDA
}
```

## Border

The CSS property to change the border of an element to Hex 756CDA 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
#756CDA }
```

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

```
.border{ border-color:#756CDA }
```

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

Here you see how a box with a 4 pixel #756CDA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #756CDA; -webkit-box-shadow:4px 4px  
4px 4px #756CDA; box-shadow:4px 4px 4px  
4px #756CDA }
```

# Background

The CSS property to change the background color of an element to Hex 756CDA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#756CDA }
```

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

```
.background{ background-color:#756CDA }
```

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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