

# Converting Colors

Hex(755CB7)

Have a look what the booklet for  
Hex(755CB7) contains.

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# Color

**Hex(755CB7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	755CB7
RGB	117, 92, 183
RGB Percent	46%, 36%, 72%
CMY	0.5412, 0.6392, 0.2824
CMYK	0.36, 0.50, 0.00, 0.28
HSL	256°, 39%, 54%
HSV	256°, 50%, 72%
XYZ	19.7105, 14.8551, 46.6282
YIQ	109.8490, -14.3110, 33.6010

# Conversions

## Conversions Part 2

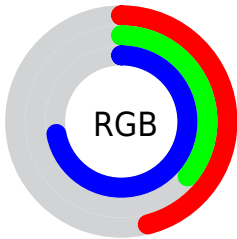
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 92, 183
Decimal	7691447
CIE Lab	45.44, 31.15, -44.83
CIE LCh	45, 54.587, 304.792
Yxy	14.8551, 0.2428, 0.1830
Android (android.graphics.Color)	4285881527 (0xFF755CB7)
YUV	109.8490, 36.0634, 6.2714
Hunter-Lab	38.5423, 23.8357, -44.7490

# Details

The Hex color **755CB7** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **9EB75C**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **AC8FF0**, and **402D81** is the 20% darker color. If you saturate the color by 10%, you get **684AB7**, and if you desaturate by 10%, it is **826EB7**.

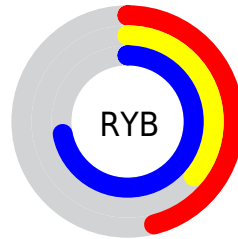
# Distribution



Red (46%)

Green (36%)

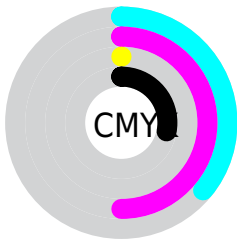
Blue (72%)



Red (46%)

Yellow (36%)

Blue (72%)

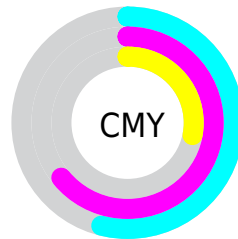


Cyan (36%)

Magenta (50%)

Yellow (0%)

Black (28%)



Cyan (54%)

Magenta (64%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 755CB7 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 755CB7 by changing the saturation by 10% instead.



 755CB7

 755CB7

FFFFFF

 5A449C

 AC8FF0

 402D81

 C8A9FF

 241768

 E5C5FF

 00024F

 FFE1FF

 000037

FFFEFF

 000221

 000006

 000000

 755CB7

 755CB7

684AB7

826EB7

5A37B7

9081B7

4D25B7

9D93B7

4013B7

AAA5B7

3301B7

B7B8B7

3200B7

C5CAB7

D2DCB7

DFEEB7

ECFFB7

# Harmonies

## Analogous

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



006FC7



755CB7



A84793

# Triad

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



755CB7



9F5B11



008072

# Complementary

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



755CB7



9EB75C

# 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.



007E42



755CB7



7B6C00

# Square

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



755CB7



B7473A



4B7716



00809F

# Rectangle

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



755CB7



B83D76



4B7716



008062



# Sweetspot

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



755CB7



D3CAED



5C9FB7



686278



F7F7F7



787878



# Same Dimension

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



755CB7



865FED



A25CB7



55535C



2B009C



08001C



# Inverse Universe

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



B75C9E



ED5FC6



71B75C



5C5359



9C0071

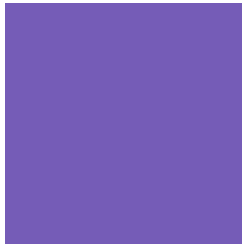


1C0014



# Previews

## White Background



This preview shows how the Hex color 755CB7 looks on a white background.

## Color Contrast Check

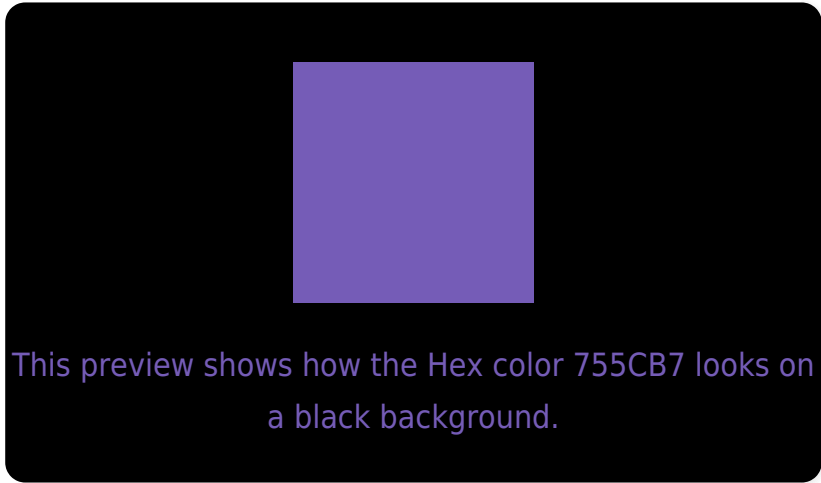
Large Text (above 18pt) WCAG AA ✓ Pass

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

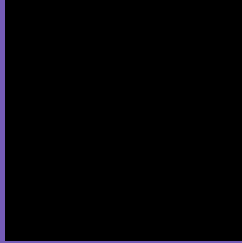
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 755CB7 Background



This preview shows how black text looks on a background with the Hex color 755CB7.




This preview shows how white text looks on a background with the Hex color 755CB7.

# 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**  
676C75

# Trichromacy



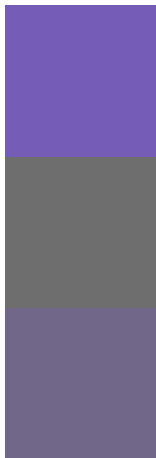
**Original Color**  
755CB7

**Protanomaly**  
5364BF

**Deuteranomaly**  
5066B4

**Tritanomaly**  
6C668D

# Monochromacy



**Original Color**  
755CB7

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
716789

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 755CB7 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 #755CB7 looks like.

```
.text, #text, p{  
    color:#755CB7  
}
```

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 #755CB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #755CB7
}
```

## Border

The CSS property to change the border of an element to Hex 755CB7 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
#755CB7 }
```

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

```
.border{ border-color:#755CB7 }
```

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

Here you see how a box with a 4 pixel #755CB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #755CB7; -webkit-box-shadow:4px 4px  
4px 4px #755CB7; box-shadow:4px 4px 4px  
4px #755CB7 }
```

# Background

The CSS property to change the background color of an element to Hex 755CB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#755CB7 }
```

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

```
.background{ background-color:#755CB7 }
```

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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