

Converting Colors

Hex(765CC1)

Have a look what the booklet for
Hex(765CC1) contains.

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Color

Hex(765CC1)

Conversions

Conversions Part 1

Format	Color
Hex	765CC1
RGB	118, 92, 193
RGB Percent	46%, 36%, 76%
CMY	0.5373, 0.6392, 0.2431
CMYK	0.39, 0.52, 0.00, 0.24
HSL	255°, 45%, 56%
HSV	255°, 52%, 76%
XYZ	20.9240, 15.3561, 52.3133
YIQ	111.2880, -16.9250, 36.9230

Conversions

Conversions Part 2

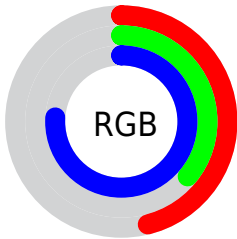
Format	Color
R_{YB}	118, 92, 193
Decimal	7756993
CIE _{Lab}	46.12, 34.16, -49.54
CIE _{LCh}	46, 60.176, 304.583
Yxy	15.3561, 0.2362, 0.1733
Android (android.graphics.Color)	4285947073 (0xFF765CC1)
YUV	111.2880, 40.2840, 5.8864
Hunter-Lab	39.1869, 26.7339, -51.7196

Details

The Hex color **765CC1** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted purple. A complement of this color would be **A7C15C**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **AE8FFA**, and **3F2D8B** is the 20% darker color. If you saturate the color by 10%, you get **6849C1**, and if you desaturate by 10%, it is **846FC1**.

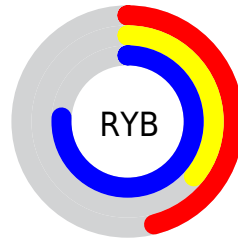
Distribution



Red (46%)

Green (36%)

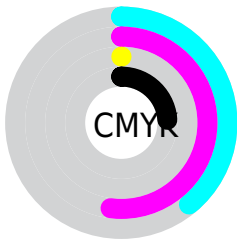
Blue (76%)



Red (46%)

Yellow (36%)

Blue (76%)

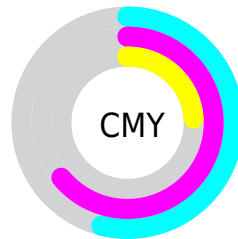


Cyan (39%)

Magenta (52%)

Yellow (0%)

Black (24%)



Cyan (54%)

Magenta (64%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 765CC1 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 765CC1 by changing the saturation by 10% instead.

■ 765CC1

■ 765CC1

FFFFFF

■ 5B44A5

■ AE8FFA

■ 3F2D8B

■ CAAAFF

■ 221771

■ E7C5FF

■ 000258

■ FFE1FF

■ 000040

FFFEFF

■ 000328

■ 000112

■ 000000

■ 765CC1

■ 765CC1

6849C1

846FC1

5935C1

9383C1

4B22C1

A196C1

3D0FC1

AFA9C1

3200C1

BEBDC1

CCD0C1

DAE3C1

E9F6C1

F7FFC1

Harmonies

Analogous

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



0071D3



765CC1



AF4299

Triad

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



765CC1



A55A02



008474

Complementary

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



765CC1



A7C15C

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.



00813F



765CC1



7D6E00

Square

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



765CC1



C04237



487A05



0083A5

Rectangle

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



765CC1



C13679



487A05



008362

Sweetspot

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



765CC1



DCD2FA



5CA8C1



6B657D



FCFCFC



7D7D7D

Same Dimension

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



765CC1



855CFA



A85CC1



5A5761



2900A1



090021

Inverse Universe

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



C15CA7



FA5CD1



75C15C



61575E



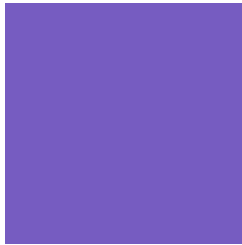
A10077



210019

Previews

White Background



This preview shows how the Hex color 765CC1 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

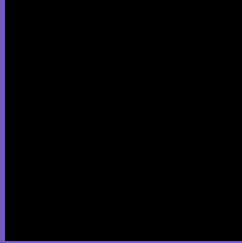
Any Text WCAG AA × Fail

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 765CC1 Background



This preview shows how black text looks on a background with the Hex color 765CC1.

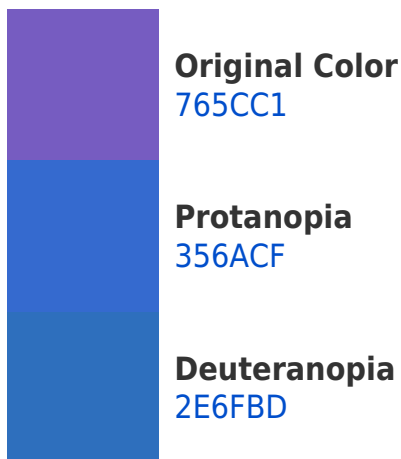


This preview shows how white text looks on a background with the Hex color 765CC1.

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
656E77

Trichromacy



Original Color
765CC1

Protanomaly
4D65CA

Deuteranomaly
4868BE

Tritanomaly
6B6792

Monochromacy



Original Color
765CC1

Achromatopsia
6F6F6F

Achromatomaly
72688D

CSS Examples

Text

The CSS property to change the color of the text to Hex 765CC1 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 #765CC1 looks like.

```
.text, #text, p{  
    color:#765CC1  
}
```

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 #765CC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #765CC1
}
```

Border

The CSS property to change the border of an element to Hex 765CC1 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
#765CC1 }
```

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

```
.border{ border-color:#765CC1 }
```

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

Here you see how a box with a 4 pixel #765CC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #765CC1; -webkit-box-shadow:4px 4px  
4px 4px #765CC1; box-shadow:4px 4px 4px  
4px #765CC1 }
```

Background

The CSS property to change the background color of an element to Hex 765CC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#765CC1 }
```

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

```
.background{ background-color:#765CC1 }
```

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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