

Converting Colors

Hex(765CA0)

Have a look what the booklet for
Hex(765CA0) contains.

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Color

Hex(765CA0)

Conversions

Conversions Part 1

Format	Color
Hex	765CA0
RGB	118, 92, 160
RGB Percent	46%, 36%, 63%
CMY	0.5373, 0.6392, 0.3725
CMYK	0.26, 0.42, 0.00, 0.37
HSL	263°, 27%, 49%
HSV	263°, 42%, 63%
XYZ	17.6435, 14.0439, 35.0385
YIQ	107.5260, -6.3320, 26.6600

Conversions

Conversions Part 2

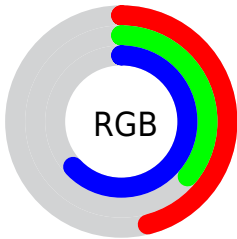
Format	Color
R _Y B	118, 92, 160
Decimal	7756960
CIE Lab	44.30, 25.33, -33.10
CIE LCh	44, 41.675, 307.427
Yxy	14.0439, 0.2644, 0.2105
Android (android.graphics.Color)	4285947040 (0xFF765CA0)
YUV	107.5260, 25.8697, 9.1857
Hunter-Lab	37.4752, 18.4571, -29.2023

Details

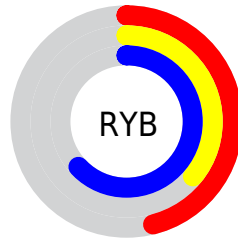
The Hex color **765CA0** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **86A05C**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **AC8FD7**, and **432D6C** is the 20% darker color. If you saturate the color by 10%, you get **6C4CA0**, and if you desaturate by 10%, it is **806CA0**.

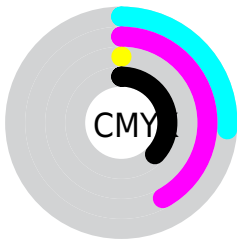
Distribution



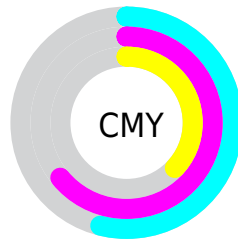
- Red (46%)
- Green (36%)
- Blue (63%)



- Red (46%)
- Yellow (36%)
- Blue (63%)



- Cyan (26%)
- Magenta (42%)
- Yellow (0%)
- Black (37%)



- Cyan (54%)
- Magenta (64%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 765CA0 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 765CA0 by changing the saturation by 10% instead.

765CA0

765CA0

FFFFFF

5C4486

AC8FD7

432D6C

C7A9F4

2B1853

E4C5FF

13003C

FFE1FF

000225

FFFDFF

00010E

000000

765CA0

765CA0

6C4CA0

806CA0

623CA0

8A7CA0

582CA0

948CA0

4E1CA0

9E9CA0

450CA0

A7ACA0

3D00A0

B1BCA0

BBCCA0

C5DCA0

CFECA0

Harmonies

Analogous

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



356AAD



765CA0



9A4F84

Triad

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



765CA0



915D27



007A71

Complementary

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



765CA0



86A05C

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.



11784D



765CA0



746A1F

Square

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



765CA0



A45040



4F732F



007992

Rectangle

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



765CA0



A64A6D



4F732F



007965

Sweetspot

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



765CA0



C0B6D1



5C87A0



5E5869



E8E8E8



696969

Same Dimension

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



765CA0



8F66D1



975CA0



4A474F



37008F



06000F

Inverse Universe

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



A05C86



D166A8



65A05C



4F474C



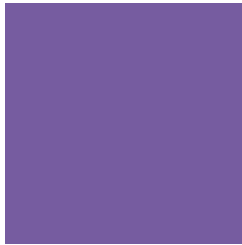
8F0058



0F0009

Previews

White Background



This preview shows how the Hex color 765CA0 looks on a white background.

Color Contrast Check

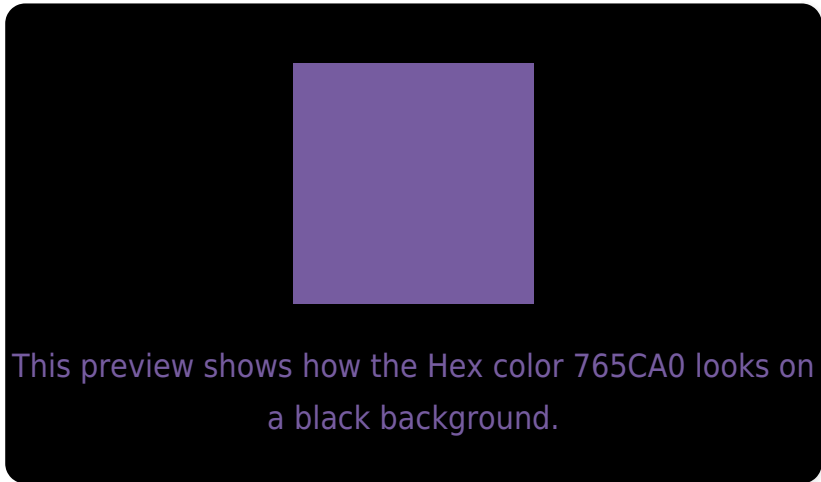
Large Text (above 18pt) WCAG AA ✓ Pass

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

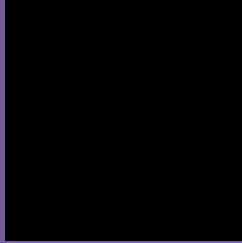
Any Text WCAG AA × Fail

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 765CA0 Background



This preview shows how black text looks on a background with the Hex color 765CA0.

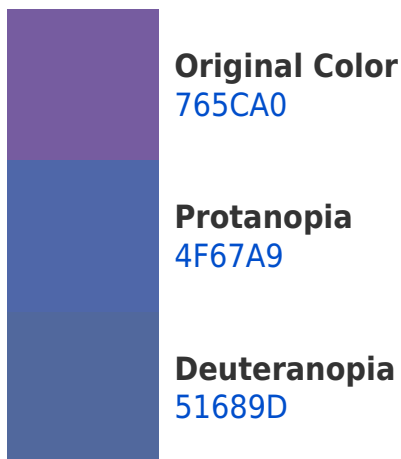



This preview shows how white text looks on a background with the Hex color 765CA0.

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
6D676F

Trichromacy



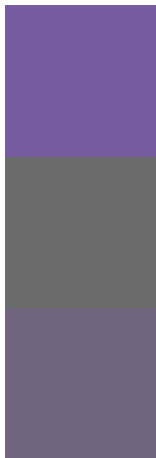
Original Color
765CA0

Protanomaly
5D63A6

Deuteranomaly
5E649E

Tritanomaly
706381

Monochromacy



Original Color
765CA0

Achromatopsia
6C6C6C

Achromatomaly
70667F

CSS Examples

Text

The CSS property to change the color of the text to Hex 765CA0 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 #765CA0 looks like.

```
.text, #text, p{  
    color:#765CA0  
}
```

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 #765CA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #765CA0
}
```

Border

The CSS property to change the border of an element to Hex 765CA0 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
#765CA0 }
```

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

```
.border{ border-color:#765CA0 }
```

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

Here you see how a box with a 4 pixel #765CA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #765CA0; -webkit-box-shadow:4px 4px  
4px 4px #765CA0; box-shadow:4px 4px 4px  
4px #765CA0 }
```

Background

The CSS property to change the background color of an element to Hex 765CA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#765CA0 }
```

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

```
.background{ background-color:#765CA0 }
```

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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