

# Converting Colors

Hex(765CA5)

Have a look what the booklet for  
Hex(765CA5) contains.

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# Color

**Hex(765CA5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	765CA5
RGB	118, 92, 165
RGB Percent	46%, 36%, 65%
CMY	0.5373, 0.6392, 0.3529
CMYK	0.28, 0.44, 0.00, 0.35
HSL	261°, 29%, 50%
HSV	261°, 44%, 65%
XYZ	18.0899, 14.2225, 37.3891
YIQ	108.0960, -7.9370, 28.2150

# Conversions

## Conversions Part 2

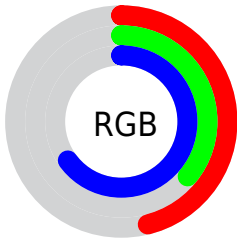
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 92, 165
Decimal	7756965
CIE <sub>Lab</sub>	44.55, 26.62, -35.66
CIE <sub>LCh</sub>	45, 44.495, 306.741
Yxy	14.2225, 0.2595, 0.2040
Android (android.graphics.Color)	4285947045 (0xFF765CA5)
YUV	108.0960, 28.0537, 8.6858
Hunter-Lab	37.7127, 19.6251, -32.3824

# Details

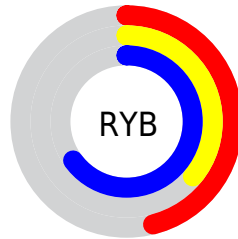
The Hex color **765CA5** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8BA55C**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **AC8FDC**, and **432D71** is the 20% darker color. If you saturate the color by 10%, you get **6B4BA5**, and if you desaturate by 10%, it is **816CA5**.

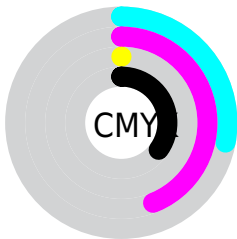
# Distribution



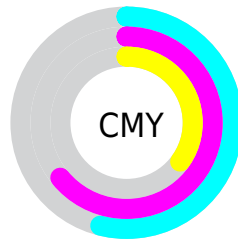
- Red (46%)
- Green (36%)
- Blue (65%)



- Red (46%)
- Yellow (36%)
- Blue (65%)



- Cyan (28%)
- Magenta (44%)
- Yellow (0%)
- Black (35%)



- Cyan (54%)
- Magenta (64%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 765CA5 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 765CA5 by changing the saturation by 10% instead.



■ 765CA5

■ 765CA5

FFFFFF

■ 5C448A

■ AC8FDC

■ 432D71

■ C8A9F9

■ 2A1858

■ E4C5FF

■ 110140

■ FFE1FF

■ 000029

■ FFFDFD

■ 000113

■ 000000

■ 765CA5

■ 765CA5

■ 6B4BA5

■ 816CA5

613BA5

8B7DA5

562AA5

968DA5

4C1AA5

A09EA5

4109A5

ABAEA5

3B00A5

B6BFA5

C0CFA5

CBE0A5

D6F0A5

# Harmonies

## Analogous

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



2B6BB3



765CA5



9D4D87

# Triad

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



765CA5



945D23



007B71

# Complementary

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



765CA5



8BA55C

# 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.



00794B



765CA5



756A19

# Square

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



765CA5



A84E3F



4E742A



007A95

# Rectangle

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



765CA5



AA476F



4E742A



007B64



# Sweetspot

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



765CA5



C4BAD6



5C8BA5



605A6B



EBEBEB



6B6B6B



# Same Dimension

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



765CA5



8D65D6



9A5CA5



4C4952



340091



060012



# Inverse Universe

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



A55C8B



D665AE



67A55C



52494F



91005E

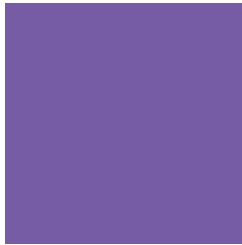


12000B



# Previews

## White Background



This preview shows how the Hex color 765CA5 looks on a white background.

## Color Contrast Check

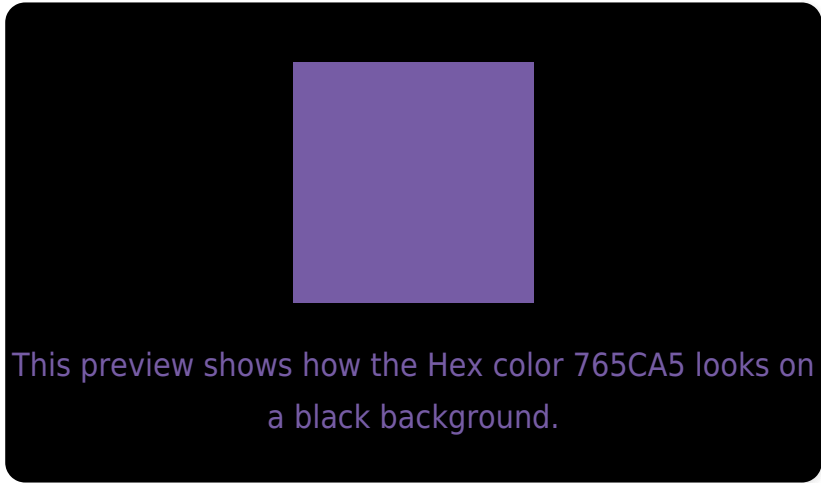
Large Text (above 18pt) WCAG AA ✓ Pass

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

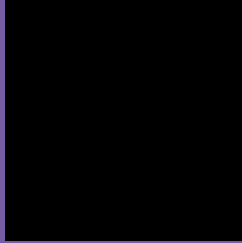
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 765CA5 Background



This preview shows how black text looks on a background with the Hex color 765CA5.

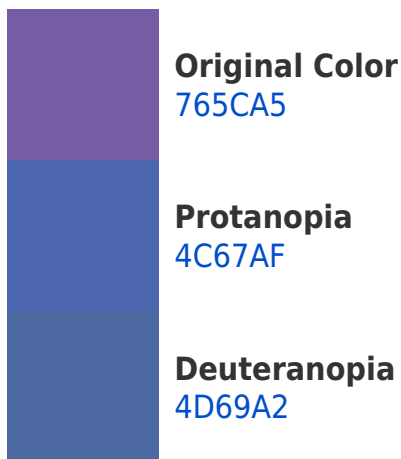


This preview shows how white text looks on a background with the Hex color 765CA5.

# 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](#).

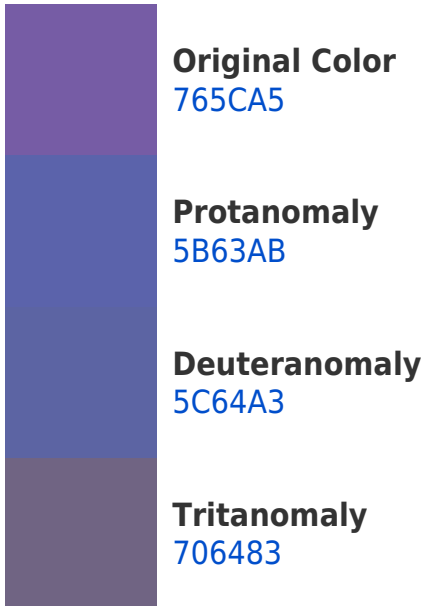
## Dichromacy





**Tritanopia**  
6C6870

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 765CA5 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 #765CA5 looks like.

```
.text, #text, p{  
    color:#765CA5  
}
```

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 #765CA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #765CA5
}
```

## Border

The CSS property to change the border of an element to Hex 765CA5 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
#765CA5 }
```

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

```
.border{ border-color:#765CA5 }
```

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

Here you see how a box with a 4 pixel #765CA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #765CA5; -webkit-box-shadow:4px 4px  
4px 4px #765CA5; box-shadow:4px 4px 4px  
4px #765CA5 }
```

# Background

The CSS property to change the background color of an element to Hex 765CA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#765CA5 }
```

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

```
.background{ background-color:#765CA5 }
```

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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