

# Converting Colors

Hex(755AE2)

Have a look what the booklet for  
Hex(755AE2) contains.

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**Color**

**Hex(755AE2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	755AE2
RGB	117, 90, 226
RGB Percent	46%, 35%, 89%
CMY	0.5412, 0.6471, 0.1137
CMYK	0.48, 0.60, 0.00, 0.11
HSL	252°, 70%, 62%
HSV	252°, 60%, 89%
XYZ	24.7197, 16.5852, 73.8499
YIQ	113.5770, -27.5640, 48.0200

# Conversions

## Conversions Part 2

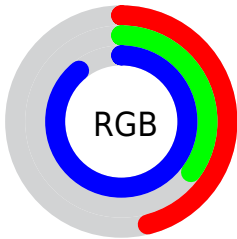
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 90, 226
Decimal	7690978
CIE <sub>Lab</sub>	47.73, 44.45, -65.84
CIE <sub>LCh</sub>	48, 79.436, 304.023
Yxy	16.5852, 0.2147, 0.1440
Android (android.graphics.Color)	4285881058 (0xFF755AE2)
YUV	113.5770, 55.4245, 3.0020
Hunter-Lab	40.7250, 37.0795, -79.0079

# Details

The Hex color **755AE2** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **C7E25A**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **B08DFF**, and **372AAA** is the 20% darker color. If you saturate the color by 10%, you get **6343E2**, and if you desaturate by 10%, it is **8771E2**.

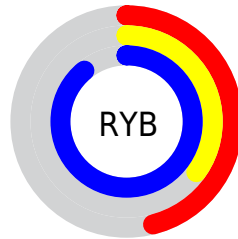
# Distribution



Red (46%)

Green (35%)

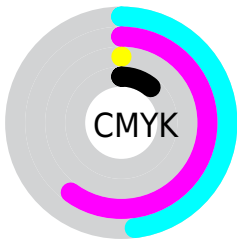
Blue (89%)



Red (46%)

Yellow (35%)

Blue (89%)

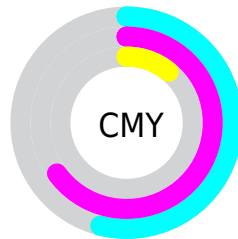


Cyan (48%)

Magenta (60%)

Yellow (0%)

Black (11%)



Cyan (54%)

Magenta (65%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 755AE2 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 755AE2 by changing the saturation by 10% instead.



 755AE2

 755AE2

FFFFFF

 5742C5

 B08DFF

 372AAA

 CDA8FF

 05138E

 EBC4FF

 000074

 FFE0FF

 00005B

 FFFDFF

 000742

 00032B

 000115

 000000

 755AE2

 755AE2

 6343E2

 8771E2

 512DE2

 9987E2

 3F16E2

 AB9EE2

 2D00E2

 BDB4E2

 D0CBE2

 E2E2E2

 F4F8E2

 FFFFE2

# Harmonies

## Analogous

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



0078F9



755AE2



C52AAD

# Triad

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



755AE2



B75600



008D79

# Complementary

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



755AE2



C7E25A

# 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.



008931



755AE2



827200

# Square

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



755AE2



DA292A



388200



008DBB

# Rectangle

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



755AE2



DD0082



388200



008C61



# Sweetspot

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



755AE2



DAD1FF



5AC9E2



696380



000000



808080



# Same Dimension

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



755AE2



6C47FF



B75AE2



676570



2300B0



0A0030



# Inverse Universe

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



E25AC7



FF47DB



85E25A



70656E



B0008D



300027



# Previews

## White Background



This preview shows how the Hex color 755AE2 looks on a white background.

## Color Contrast Check

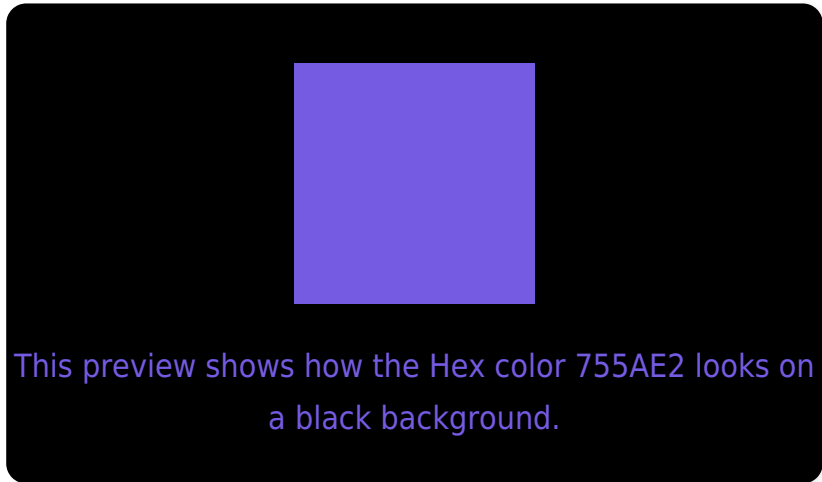
Large Text (above 18pt) WCAG AA ✓ Pass

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

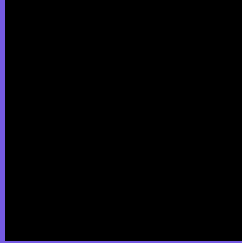
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 755AE2 Background



This preview shows how black text looks on a background with the Hex color 755AE2.

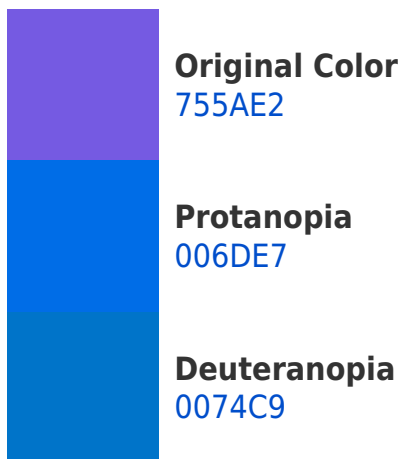



This preview shows how white text looks on a background with the Hex color 755AE2.

# 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](#).

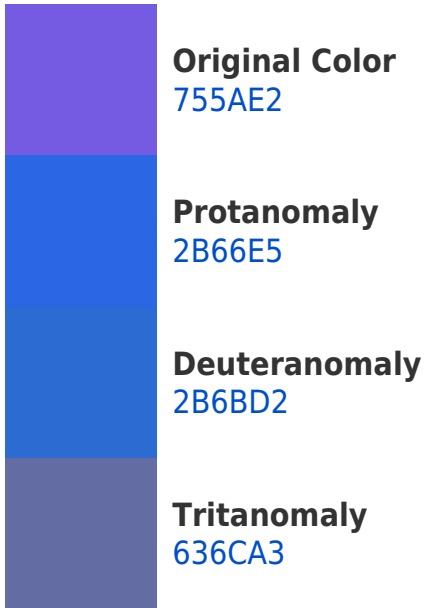
## Dichromacy





**Tritanopia**  
59767F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 755AE2 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 #755AE2 looks like.

```
.text, #text, p{  
    color:#755AE2  
}
```

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 #755AE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #755AE2
}
```

## Border

The CSS property to change the border of an element to Hex 755AE2 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
#755AE2 }
```

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

```
.border{ border-color:#755AE2 }
```

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

Here you see how a box with a 4 pixel #755AE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #755AE2; -webkit-box-shadow:4px 4px  
4px 4px #755AE2; box-shadow:4px 4px 4px  
4px #755AE2 }
```

# Background

The CSS property to change the background color of an element to Hex 755AE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#755AE2 }
```

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

```
.background{ background-color:#755AE2 }
```

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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