

# Converting Colors

Hex(754EE1)

Have a look what the booklet for  
Hex(754EE1) contains.

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# Color

**Hex(754EE1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	754EE1
RGB	117, 78, 225
RGB Percent	46%, 31%, 88%
CMY	0.5412, 0.6941, 0.1176
CMYK	0.48, 0.65, 0.00, 0.12
HSL	256°, 71%, 59%
HSV	256°, 65%, 88%
XYZ	23.6511, 14.6669, 72.8186
YIQ	106.4190, -23.9430, 53.9850

# Conversions

## Conversions Part 2

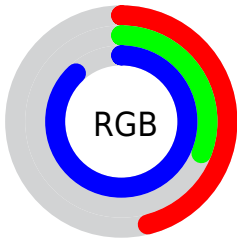
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 78, 225
Decimal	7687905
CIE <sub>Lab</sub>	45.17, 50.81, -69.43
CIE <sub>LCh</sub>	45, 86.032, 306.197
Yxy	14.6669, 0.2128, 0.1320
Android (android.graphics.Color)	4285877985 (0xFF754EE1)
YUV	106.4190, 58.4604, 9.2795
Hunter-Lab	38.2974, 43.2147, -85.9256

# Details

The Hex color **754EE1** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **BAE14E**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **B081FF**, and **361CA9** is the 20% darker color. If you saturate the color by 10%, you get **6438E1**, and if you desaturate by 10%, it is **8665E1**.

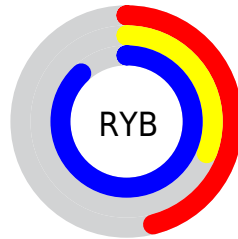
# Distribution



Red (46%)

Green (31%)

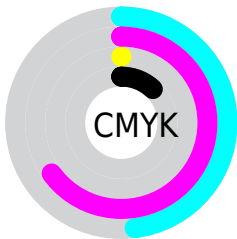
Blue (88%)



Red (46%)

Yellow (31%)

Blue (88%)

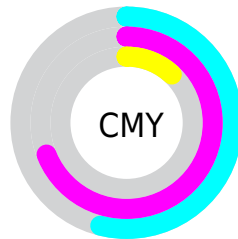


Cyan (48%)

Magenta (65%)

Yellow (0%)

Black (12%)



Cyan (54%)

Magenta (69%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 754EE1 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 754EE1 by changing the saturation by 10% instead.



 754EE1

 754EE1

FFFFFF

 5735C4

 B081FF

 361CA9

 CE9CFF

 00018D

 ECB7FF

 000073

 FFD4FF

 000059

 FFF0FF

 000741

 00032A

 000114

 000000

 754EE1

 754EE1

 6438E1

 8665E1

 5421E1

 967BE1

 430BE1

 A792E1

 3C00E1

 B7A8E1

 C8BFE1

 D8D5E1

 E9EBE1

 F9FFE1

 FFFFE1

# Harmonies

## Analogous

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



0071FD



754EE1



C800A6

# Triad

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



754EE1



AF5000



008779

# Complementary

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



754EE1



BAE14E

# 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.



00842B



754EE1



766D00

# Square

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



754EE1



D60C18



187D00



0087BF

# Rectangle

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



754EE1



DE0077



187D00



00865F



# Sweetspot

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



754EE1



DACCFE



4EBCE1



696180



000000



808080



# Same Dimension

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



754EE1



6D38FF



BC4EE1



686570



2F00B0



0D0030



# Inverse Universe

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



E14EBA



FF38CA



73E14E



70656D



B00081

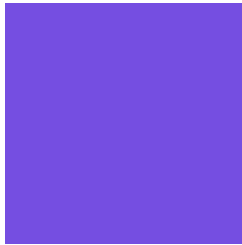


300024



# Previews

## White Background



This preview shows how the Hex color 754EE1 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 754EE1 Background



This preview shows how black text looks on a background with the Hex color 754EE1.

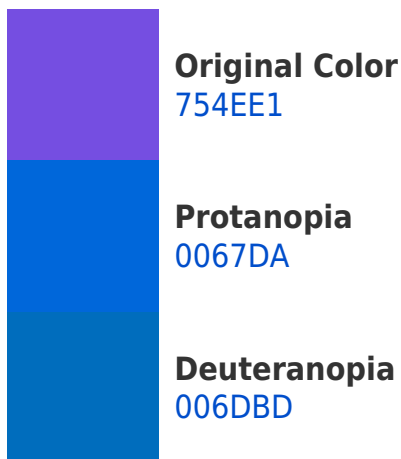


This preview shows how white text looks on a background with the Hex color 754EE1.

# 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](#).

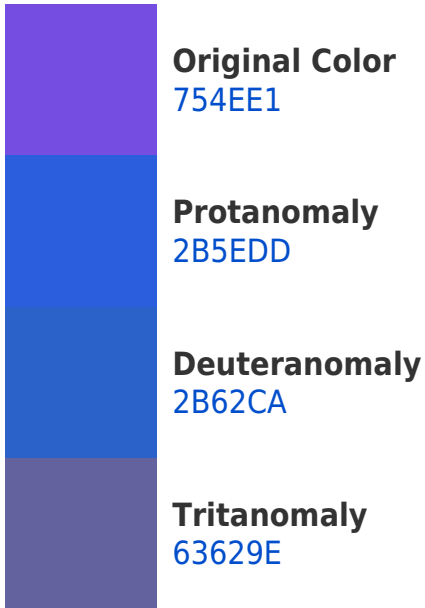
## Dichromacy



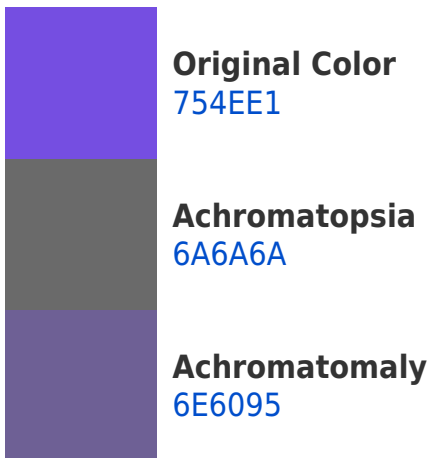


**Tritanopia**  
586E77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 754EE1 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 #754EE1 looks like.

```
.text, #text, p{  
    color:#754EE1  
}
```

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 #754EE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #754EE1
}
```

## Border

The CSS property to change the border of an element to Hex 754EE1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

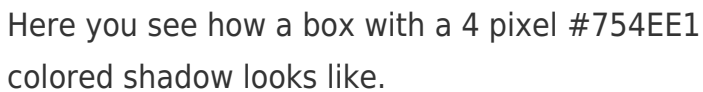
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#754EE1 }
```

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

```
.border{ border-color:#754EE1 }
```

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



Here you see how a box with a 4 pixel #754EE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #754EE1; -webkit-box-shadow:4px 4px  
4px 4px #754EE1; box-shadow:4px 4px 4px  
4px #754EE1 }
```

# Background

The CSS property to change the background color of an element to Hex 754EE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#754EE1 }
```

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

```
.background{ background-color:#754EE1 }
```

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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