

# Converting Colors

Hex(694EEF)

Have a look what the booklet for  
Hex(694EEF) contains.

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# Color

**Hex(694EEF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	694EEF
RGB	105, 78, 239
RGB Percent	41%, 31%, 94%
CMY	0.5882, 0.6941, 0.0627
CMYK	0.56, 0.67, 0.00, 0.06
HSL	250°, 83%, 62%
HSV	250°, 67%, 94%
XYZ	24.1301, 14.6840, 83.2239
YIQ	104.4270, -35.5890, 55.7950

# Conversions

## Conversions Part 2

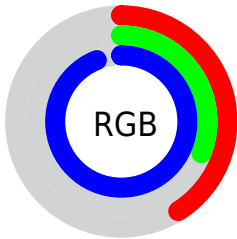
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	105, 78, 239
Decimal	6901487
CIE Lab	45.20, 52.81, -77.35
CIE LCh	45, 93.659, 304.325
Yxy	14.6840, 0.1977, 0.1203
Android (android.graphics.Color)	4285091567 (0xFF694EEF)
YUV	104.4270, 66.3445, 0.5025
Hunter-Lab	38.3197, 45.3425, -101.9438

# Details

The Hex color **694EEF** 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 **D4EF4E**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **A781FF**, and **1B1DB6** is the 20% darker color. If you saturate the color by 10%, you get **5536EF**, and if you desaturate by 10%, it is **7D66EF**.

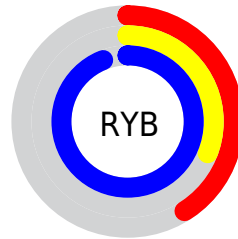
# Distribution



Red (41%)

Green (31%)

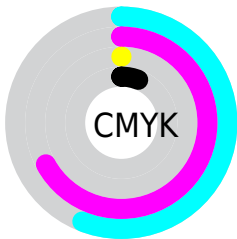
Blue (94%)



Red (41%)

Yellow (31%)

Blue (94%)

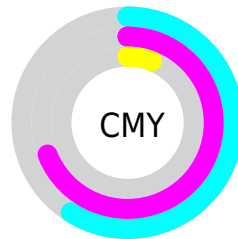


Cyan (56%)

Magenta (67%)

Yellow (0%)

Black (6%)



Cyan (59%)

Magenta (69%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 694EEF 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 694EEF by changing the saturation by 10% instead.



 694EEF

 694EEF

FFFFFF

 4735D2

 A781FF

 1B1DB6

 C69CFF

 00039A

 E4B7FF

 00007F

 FFD3FF

 000065

 FFF0FF

 00094C

 000434

 00021E

 000000

 694EEF

 694EEF

 5536EF

 7D66EF

 411EEF

 917EEF

 2D06EF

 A596EF

 2800EF

 B9AEEF

 CCC6EF

 E0DDEF

 F4F5EF

 FFFFEF

# Harmonies

## Analogous

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



0074FF



694EEF



CC00B0

# Triad

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



694EEF



B64A00



008875

# Complementary

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



694EEF



D4EF4E

# 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.



00851C



694EEF



796C00

# Square

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



694EEF



E00016



117D00



0089C3

# Rectangle

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



694EEF



E6007D



117D00



008759



# Sweetspot

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



694EEF



D5CCFF



4ED4EF



666180



000000



808080



# Same Dimension

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



694EEF



5330FF



B94EEF



6E6C78



1F00B8



090038



# Inverse Universe

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



EF4ED4



FF30DC



84EF4E



786C76



B80099

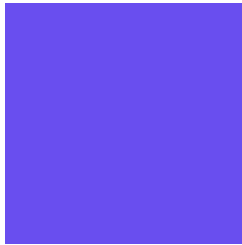


38002F



# Previews

## White Background



This preview shows how the Hex color 694EEF looks on a white background.

## Color Contrast Check

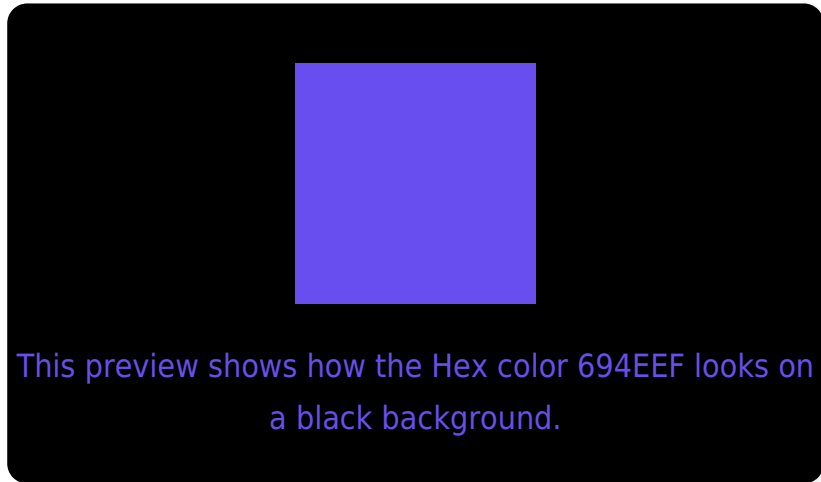
Large Text (above 18pt) WCAG AA ✓ Pass

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 694EEF Background



This preview shows how black text looks on a background with the Hex color 694EEF.



This preview shows how white text looks on a background with the Hex color 694EEF.

# 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](#).

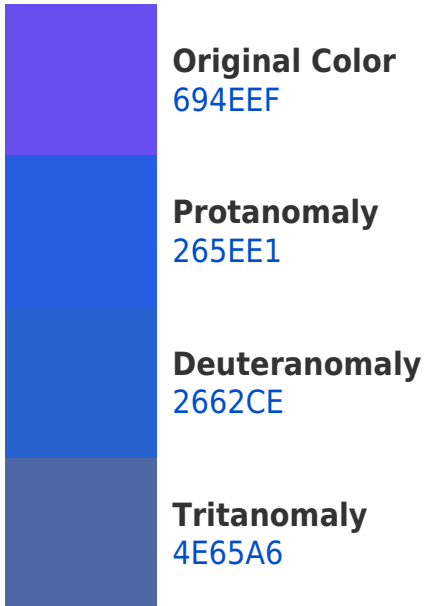
## Dichromacy





**Tritanopia**  
3E727C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 694EEF 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 #694EEF looks like.

```
.text, #text, p{  
    color:#694EEF  
}
```

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 #694EEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #694EEF
}
```

## Border

The CSS property to change the border of an element to Hex 694EEF 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
#694EEF }
```

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

```
.border{ border-color:#694EEF }
```

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

Here you see how a box with a 4 pixel #694EEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #694EEF; -webkit-box-shadow:4px 4px  
4px 4px #694EEF; box-shadow:4px 4px 4px  
4px #694EEF }
```

# Background

The CSS property to change the background color of an element to Hex 694EEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#694EEF }
```

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

```
.background{ background-color:#694EEF }
```

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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