

Converting Colors

Hex(744EEE)

Have a look what the booklet for
Hex(744EEE) contains.

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Color

Hex(744EEE)

Conversions

Conversions Part 1

Format	Color
Hex	744EEE
RGB	116, 78, 238
RGB Percent	45%, 31%, 93%
CMY	0.5451, 0.6941, 0.0667
CMYK	0.51, 0.67, 0.00, 0.07
HSL	254°, 82%, 62%
HSV	254°, 67%, 93%
XYZ	25.3595, 15.3348, 82.5122
YIQ	107.6020, -28.7120, 57.8160

Conversions

Conversions Part 2

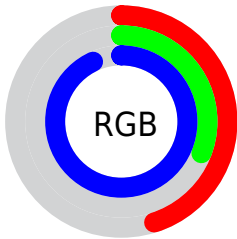
Format	Color
R _Y B	116, 78, 238
Decimal	7622382
CIE Lab	46.09, 54.26, -75.29
CIE LCh	46, 92.805, 305.780
Yxy	15.3348, 0.2058, 0.1245
Android (android.graphics.Color)	4285812462 (0xFF744EEE)
YUV	107.6020, 64.2862, 7.3650
Hunter-Lab	39.1597, 47.0655, -97.5164

Details

The Hex color **744EEE** 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 **C8EE4E**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **B182FF**, and **301CB5** is the 20% darker color. If you saturate the color by 10%, you get **6236EE**, and if you desaturate by 10%, it is **8666EE**.

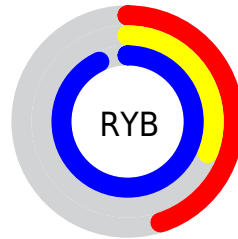
Distribution



Red (45%)

Green (31%)

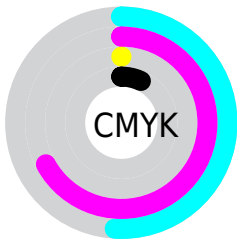
Blue (93%)



Red (45%)

Yellow (31%)

Blue (93%)

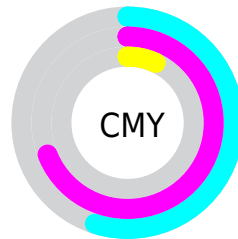


Cyan (51%)

Magenta (67%)

Yellow (0%)

Black (7%)



Cyan (55%)

Magenta (69%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 744EEE 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 744EEE by changing the saturation by 10% instead.

 744EEE

 744EEE

FFFFFF

 5435D1

 B182FF

 301CB5

 CF9CFF

 000099

 EEB8FF

 00007E

 FFD4FF

 000064

 FFF1FF

 00094B

 000433

 00021D

 000000

 744EEE

 744EEE

 6236EE

 8666EE

 501EEE

 987EEE

 3E07EE

 AA95EE

 3900EE

 BDADEE

 CFC5EE

 E1DDEE

 F3F5EE

 FFFFEE

Harmonies

Analogous

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



0074FF



744EEE



D000AF

Triad

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



744EEE



B64E00



008B7B

Complementary

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



744EEE



C8EE4E

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.



008825



744EEE



787000

Square

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



744EEE



E00014



078000



008BC8

Rectangle

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



744EEE



E9007C



078000



008A60

Sweetspot

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



744EEE



D8CCFF



4EC9EE



686180



000000



808080

Same Dimension

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



744EEE



6230FF



C34EEE



6F6C78



2C00B8



0D0038

Inverse Universe

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



EE4EC8



FF30CE



79EE4E



786C75



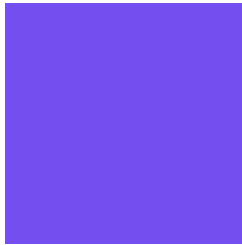
B8008C



38002B

Previews

White Background



This preview shows how the Hex color 744EEE 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

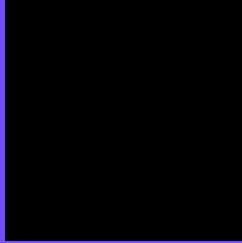
Any Text WCAG AA × Fail

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 744EEE Background



This preview shows how black text looks on a background with the Hex color 744EEE.



This preview shows how white text looks on a background with the Hex color 744EEE.

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
51727B

Trichromacy



Original Color

744EEE



Protanomaly

2A5FE4



Deuteranomaly

2A64D0



Tritanomaly

5E65A5

Monochromacy



Original Color

744EEE



Achromatopsia

6C6C6C



Achromatomaly

6F619B

CSS Examples

Text

The CSS property to change the color of the text to Hex 744EEE 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 #744EEE looks like.

```
.text, #text, p{  
  color:#744EEE  
}
```

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 #744EEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #744EEE
}
```

Border

The CSS property to change the border of an element to Hex 744EEE 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
#744EEE }
```

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

```
.border{ border-color:#744EEE }
```

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

Here you see how a box with a 4 pixel #744EEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #744EEE; -webkit-box-shadow:4px 4px  
4px 4px #744EEE; box-shadow:4px 4px 4px  
4px #744EEE }
```

Background

The CSS property to change the background color of an element to Hex 744EEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#744EEE }
```

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

```
.background{ background-color:#744EEE }
```

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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