

Converting Colors

Hex(784EE4)

Have a look what the booklet for
Hex(784EE4) contains.

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Color

Hex(784EE4)

Conversions

Conversions Part 1

Format	Color
Hex	784EE4
RGB	120, 78, 228
RGB Percent	47%, 31%, 89%
CMY	0.5294, 0.6941, 0.1059
CMYK	0.47, 0.66, 0.00, 0.11
HSL	257°, 74%, 60%
HSV	257°, 66%, 89%
XYZ	24.4737, 15.0433, 75.0125
YIQ	107.6580, -23.1180, 55.5540

Conversions

Conversions Part 2

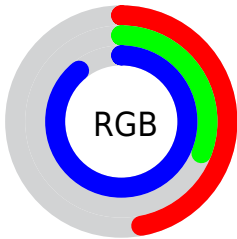
Format	Color
R_{YB}	120, 78, 228
Decimal	7884516
CIE _{Lab}	45.69, 52.18, -70.27
CIE _{LCh}	46, 87.523, 306.593
Yxy	15.0433, 0.2137, 0.1313
Android (android.graphics.Color)	4286074596 (0xFF784EE4)
YUV	107.6580, 59.3286, 10.8239
Hunter-Lab	38.7857, 44.7583, -87.5185

Details

The Hex color **784EE4** 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 **BAE44E**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **B382FF**, and **391CAB** is the 20% darker color. If you saturate the color by 10%, you get **6837E4**, and if you desaturate by 10%, it is **8865E4**.

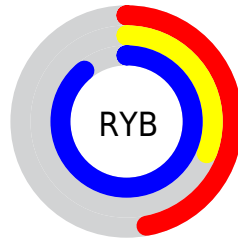
Distribution



Red (47%)

Green (31%)

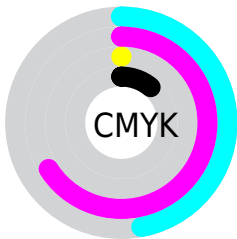
Blue (89%)



Red (47%)

Yellow (31%)

Blue (89%)

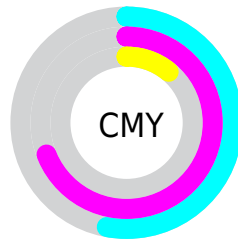


Cyan (47%)

Magenta (66%)

Yellow (0%)

Black (11%)



Cyan (53%)

Magenta (69%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 784EE4 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 784EE4 by changing the saturation by 10% instead.

 784EE4

 784EE4

FFFFFF

 5A35C7

 B382FF

 391CAB

 D19CFF

 070090

 EFB8FF

 000076

 FFD4FF

 00005C

 FFF1FF

 000743

 00032C

 000116

 000000

 784EE4

 784EE4

 6837E4

 8865E4

 5720E4

 997CE4

 470AE4

 A992E4

 4000E4

 BAA9E4

 CAC0E4

 DAD7E4

 EBEEE4

 FBFFE4

 FFFFE4

Harmonies

Analogous

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



0072FF



784EE4



CC00A8

Triad

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



784EE4



B15100



00897B

Complementary

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



784EE4



BAE44E

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.



00862C



784EE4



766F00

Square

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



784EE4



D90A17



137F00



0089C3

Rectangle

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



784EE4



E20078



137F00



008861

Sweetspot

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



784EE4



DACCFE



4EBCE4



696180



000000



808080

Same Dimension

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



784EE4



6E36FF



C14EE4



6A6773



3200B3



0E0033

Inverse Universe

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



E44EBA



FF36C7



71E44E



736770



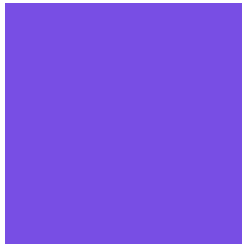
B30081



330025

Previews

White Background



This preview shows how the Hex color 784EE4 looks on a white background.

Color Contrast Check

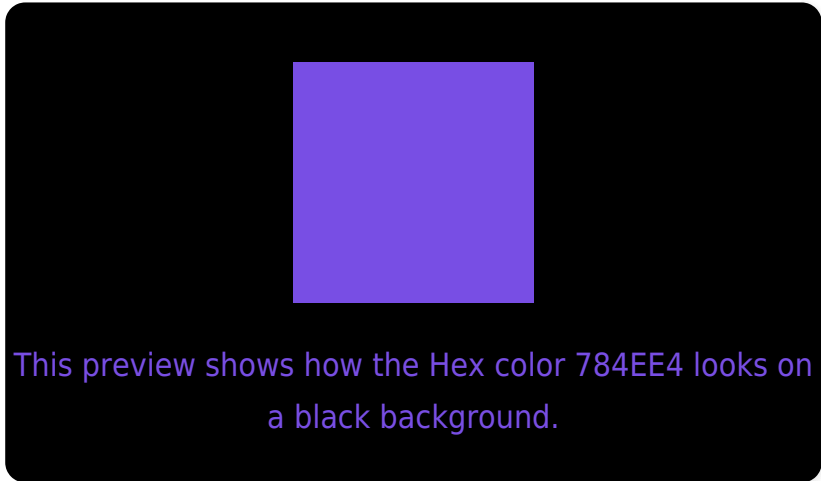
Large Text (above 18pt) WCAG AA ✓ Pass

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 784EE4 Background



This preview shows how black text looks on a background with the Hex color 784EE4.

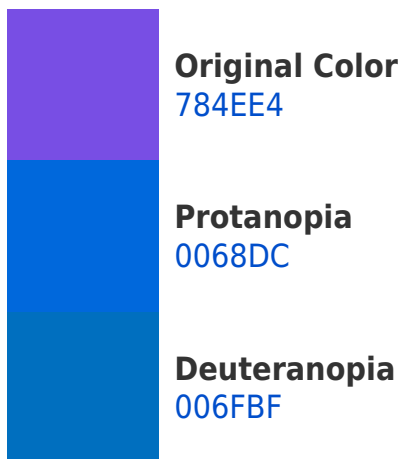


This preview shows how white text looks on a background with the Hex color 784EE4.

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





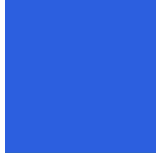
Tritanopia
5B6F78

Trichromacy



Original Color

784EE4



Protanomaly

2C5FDF



Deuteranomaly

2C63CC



Tritanomaly

66639F

Monochromacy



Original Color

784EE4



Achromatopsia

6C6C6C



Achromatomaly

706198

CSS Examples

Text

The CSS property to change the color of the text to Hex 784EE4 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 #784EE4 looks like.

```
.text, #text, p{  
  color:#784EE4  
}
```

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 #784EE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #784EE4
}
```

Border

The CSS property to change the border of an element to Hex 784EE4 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
#784EE4 }
```

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

```
.border{ border-color:#784EE4 }
```

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

Here you see how a box with a 4 pixel #784EE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #784EE4; -webkit-box-shadow:4px 4px  
4px 4px #784EE4; box-shadow:4px 4px 4px  
4px #784EE4 }
```

Background

The CSS property to change the background color of an element to Hex 784EE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#784EE4 }
```

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

```
.background{ background-color:#784EE4 }
```

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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