

Converting Colors

Hex(784ECF)

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

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Color

Hex(784ECF)

Conversions

Conversions Part 1

Format	Color
Hex	784ECF
RGB	120, 78, 207
RGB Percent	47%, 31%, 81%
CMY	0.5294, 0.6941, 0.1882
CMYK	0.42, 0.62, 0.00, 0.19
HSL	260°, 57%, 56%
HSV	260°, 62%, 81%
XYZ	21.7326, 13.9468, 60.5781
YIQ	105.2640, -16.3770, 49.0230

Conversions

Conversions Part 2

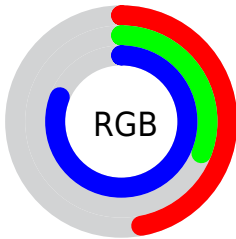
Format	Color
R_{YB}	120, 78, 207
Decimal	7884495
CIE _{Lab}	44.16, 46.45, -60.78
CIE _{LCh}	44, 76.494, 307.391
Yxy	13.9468, 0.2258, 0.1449
Android (android.graphics.Color)	4286074575 (0xFF784ECF)
YUV	105.2640, 50.1558, 12.9235
Hunter-Lab	37.3455, 38.5207, -70.0324

Details

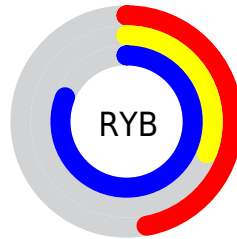
The Hex color **784ECF** is a dark color, and the websafe version is hex **9966FF**. The color can be described as dark muted purple. A complement of this color would be **A5CF4E**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **B181FF**, and **3E1D98** is the 20% darker color. If you saturate the color by 10%, you get **6A39CF**, and if you desaturate by 10%, it is **8663CF**.

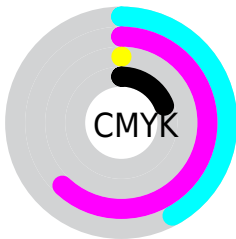
Distribution



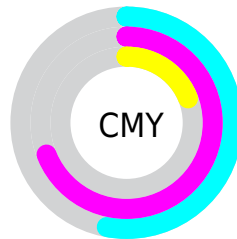
- Red (47%)
- Green (31%)
- Blue (81%)



- Red (47%)
- Yellow (31%)
- Blue (81%)



- Cyan (42%)
- Magenta (62%)
- Yellow (0%)
- Black (19%)



- Cyan (53%)
- Magenta (69%)
- Yellow (19%)

Brightness & Saturation Gradients

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

 784ECF

 784ECF

FFFFFF

 5B35B3

 B181FF

 3E1D98

 CF9CFF

 1B027D

 ECB7FF

 000063

 FFD3FF

 00004A

 FFF0FF

 000433

 00021D

 000000

 784ECF

 784ECF

6A39CF

8663CF

5C25CF

9477CF

4E10CF

A28CCF

4300CF

B0A1CF

BEB6CF

CCCACF

DADFCF

E8F4CF

F6FFCF

Harmonies

Analogous

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



006CE9



784ECF



BD1A9B

Triad

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



784ECF



A55200



008277

Complementary

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



784ECF



A5CF4E

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.



008033



784ECF



726B00

Square

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



784ECF



C9281D



247900



0082B5

Rectangle

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



784ECF



D10071



247900



008261

Sweetspot

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



784ECF



DECFFF



4EA6CF



6C6280



000000



808080

Same Dimension

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



784ECF



7E40FF



B74ECF



615E69



3700A8



0D0029

Inverse Universe

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



CF4EA5



FF40C1



66CF4E



695E65



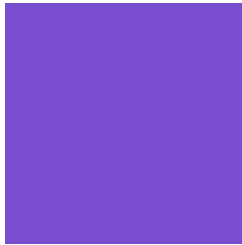
A80072



29001C

Previews

White Background



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

Color Contrast Check

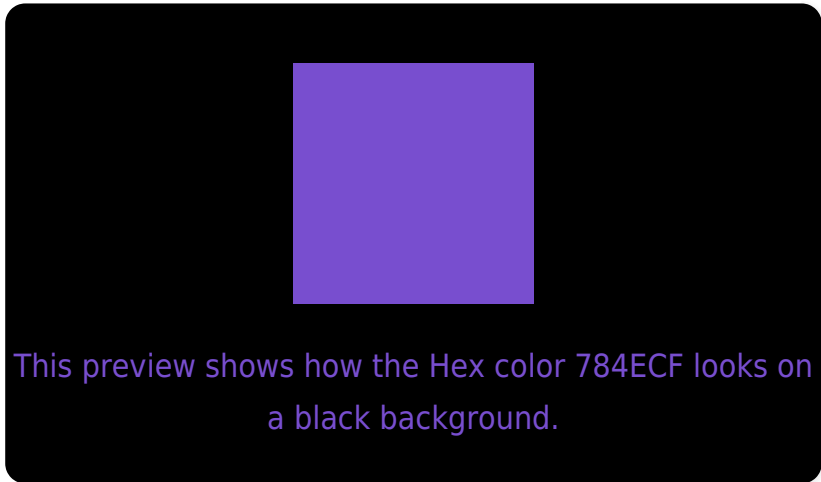
Large Text (above 18pt) WCAG AA ✓ Pass

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

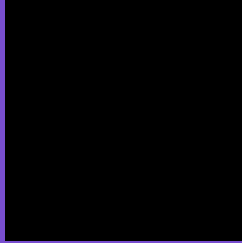
Any Text WCAG AA × Fail

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 784ECF Background



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



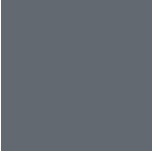
This preview shows how white text looks on a background with the Hex color 784ECF.

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](#).

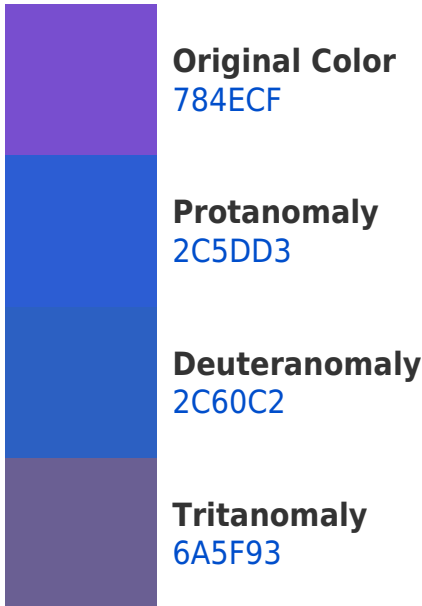
Dichromacy





Tritanopia
626971

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #784ECF colored shadow looks like.

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

Border

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

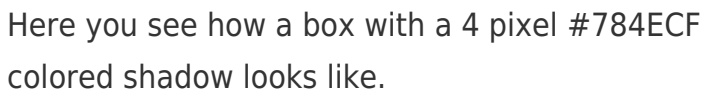
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#784ECF }
```

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

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

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



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

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

Background

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

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

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

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

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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