

Converting Colors

Hex(793EEF)

Have a look what the booklet for
Hex(793EEF) contains.

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Color

Hex(793EEF)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 793EEF |
| RGB | 121, 62, 239 |
| RGB Percent | 47%, 24%, 94% |
| CMY | 0.5255, 0.7569, 0.0627 |
| CMYK | 0.49, 0.74, 0.00, 0.06 |
| HSL | 260°, 85%, 59% |
| HSV | 260°, 74%, 94% |
| XYZ | 25.1878, 13.7422, 82.9863 |
| YIQ | 99.8190, -21.6530, 67.5550 |

Conversions

Conversions Part 2

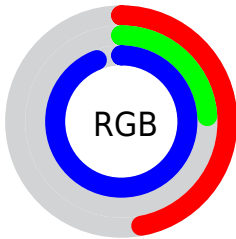
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 121, 62, 239 |
| Decimal | 7945967 |
| CIE _{Lab} | 43.86, 63.14, -79.48 |
| CIE _{LCh} | 44, 101.506, 308.463 |
| Yxy | 13.7422, 0.2066, 0.1127 |
| Android (android.graphics.Color) | 4286136047 (0xFF793EEF) |
| YUV | 99.8190, 68.6162, 18.5757 |
| Hunter-Lab | 37.0705, 56.4097, -106.7779 |

Details

The Hex color **793EEF** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle washed purple. A complement of this color would be **B4EF3E**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **B673FF**, and **3600B6** is the 20% darker color. If you saturate the color by 10%, you get **6926EF**, and if you desaturate by 10%, it is **8956EF**.

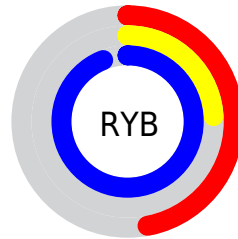
Distribution



Red (47%)

Green (24%)

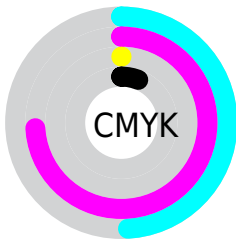
Blue (94%)



Red (47%)

Yellow (24%)

Blue (94%)

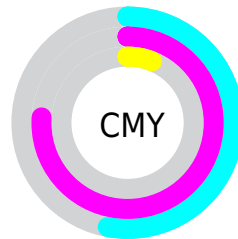


Cyan (49%)

Magenta (74%)

Yellow (0%)

Black (6%)



Cyan (53%)

Magenta (76%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 793EEF 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 793EEF by changing the saturation by 10% instead.

 793EEF

 793EEF

FFFFFF

 5922D2

 B673FF

 3600B6

 D58EFF

 00009A

 F4AAFF

 00007F

 FFC6FF

 000065

 FFE3FF

 00094C

 000434

 00021E

 000000

■ 793EEF

■ 793EEF

■ 6926EF

■ 8956EF

■ 590EEF

■ 996EEF

■ 5000EF

■ A986EF

■ B99EEF

■ C9B6EF

■ D9CDEF

■ E9E5EF

■ F8FDEF

■ FFFFEF

Harmonies

Analogous

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



006EFF



793EEF



D700A8

Triad

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



793EEF



AE4A00



00867F

Complementary

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



793EEF



B4EF3E

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.



008321



793EEF



696D00

Square

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



793EEF



DE0000



007C00



0087D1

Rectangle

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



793EEF



EE0070



007C00



008561

Sweetspot

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



793EEF



DAC7FF



3EB4EF



695E80



000000



808080

Same Dimension

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



793EEF



681CFF



D23EEF



706C78



3D00B8



130038

Inverse Universe

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



EF3EB4



FF1CB3



5CEF3E



786C74



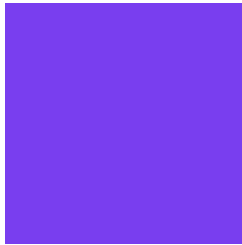
B8007A



380025

Previews

White Background



This preview shows how the Hex color 793EEF 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

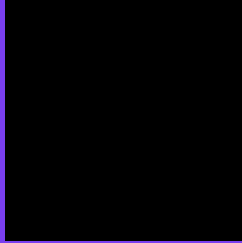
Any Text WCAG AA × Fail

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 793EEF Background



This preview shows how black text looks on a background with the Hex color 793EEF.

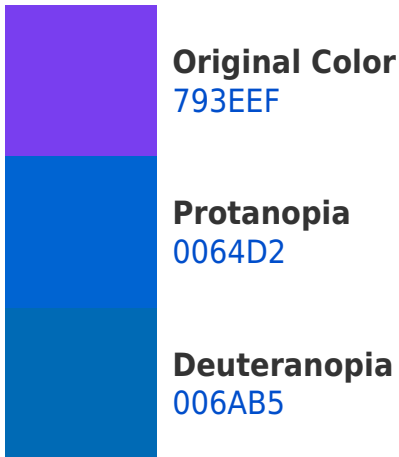



This preview shows how white text looks on a background with the Hex color 793EEF.

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](#).

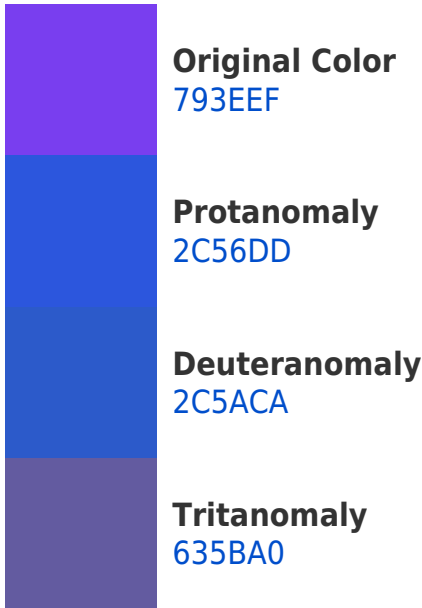
Dichromacy





Tritanopia
566B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 793EEF 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 #793EEF looks like.

```
.text, #text, p{  
    color:#793EEF  
}
```

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 #793EEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #793EEF
}
```

Border

The CSS property to change the border of an element to Hex 793EEF 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
#793EEF }
```

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

```
.border{ border-color:#793EEF }
```

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

Here you see how a box with a 4 pixel #793EEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #793EEF; -webkit-box-shadow:4px 4px  
4px 4px #793EEF; box-shadow:4px 4px 4px  
4px #793EEF }
```

Background

The CSS property to change the background color of an element to Hex 793EEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#793EEF }
```

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

```
.background{ background-color:#793EEF }
```

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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