

Converting Colors

Hex(7854EE)

Have a look what the booklet for
Hex(7854EE) contains.

Hex(7854EE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7854EE)

Conversions

Conversions Part 1

Format	Color
Hex	7854EE
RGB	120, 84, 238
RGB Percent	47%, 33%, 93%
CMY	0.5294, 0.6706, 0.0667
CMYK	0.50, 0.65, 0.00, 0.07
HSL	254°, 82%, 63%
HSV	254°, 65%, 93%
XYZ	26.3487, 16.5068, 82.6863
YIQ	112.3200, -27.9780, 55.5260

Conversions

Conversions Part 2

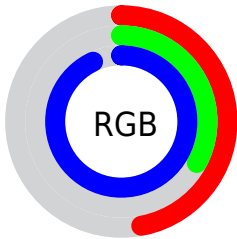
Format	Color
R _Y B	120, 84, 238
Decimal	7886062
CIE Lab	47.63, 51.74, -72.76
CIE LCh	48, 89.279, 305.419
Yxy	16.5068, 0.2099, 0.1315
Android (android.graphics.Color)	4286076142 (0xFF7854EE)
YUV	112.3200, 61.9602, 6.7354
Hunter-Lab	40.6285, 44.6621, -92.2258

Details

The Hex color **7854EE** is a dark color, and the websafe version is hex **9966FF**. The color can be described as middle muted purple. A complement of this color would be **CAEE54**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **B488FF**, and **3723B5** is the 20% darker color. If you saturate the color by 10%, you get **663CEE**, and if you desaturate by 10%, it is **8A6CEE**.

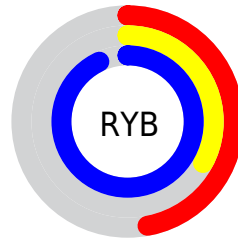
Distribution



Red (47%)

Green (33%)

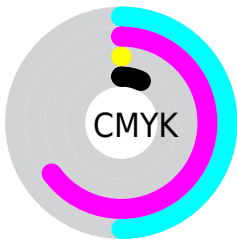
Blue (93%)



Red (47%)

Yellow (33%)

Blue (93%)

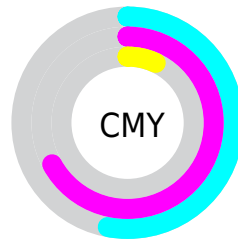


Cyan (50%)

Magenta (65%)

Yellow (0%)

Black (7%)



Cyan (53%)

Magenta (67%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7854EE 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 7854EE by changing the saturation by 10% instead.

 7854EE

 7854EE

FFFFFF

 593BD1

 B488FF

 3723B5

 D2A2FF

 000799

 F1BEFF

 00007E

 FFDAFF

 000065

 FFF7FF

 00094B

 000434

 00021E

 000000

 7854EE

 7854EE

 663CEE

 8A6CEE

 5424EE

 9C84EE

 410DEE

 AF9BEE

 3800EE

 C1B3EE

 D3CBEE

 E5E3EE

 F8FBEE

 FFFFEE

Harmonies

Analogous

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



0078FF



7854EE



D100B1

Triad

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



7854EE



BA5300



008E7D

Complementary

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



7854EE



CAEE54

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.



008B2B



7854EE



7E7300

Square

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



7854EE



E2091D



208300



008FC8

Rectangle

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



7854EE



EA0080



208300



008E63

Sweetspot

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



7854EE



DACFF



54CAEE



696280



000000



808080

Same Dimension

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



7854EE



6738FF



C554EE



6F6C78



2B00B8



0D0038

Inverse Universe

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



EE54CA



FF38D1



7DEE54



786C75



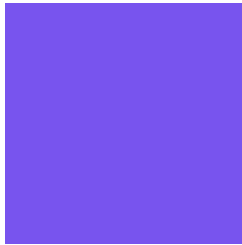
B8008D



38002B

Previews

White Background



This preview shows how the Hex color 7854EE 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

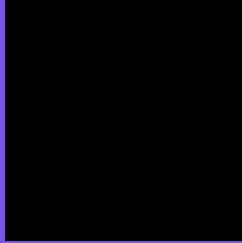
Any Text WCAG AA × Fail

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 7854EE Background



This preview shows how black text looks on a background with the Hex color 7854EE.

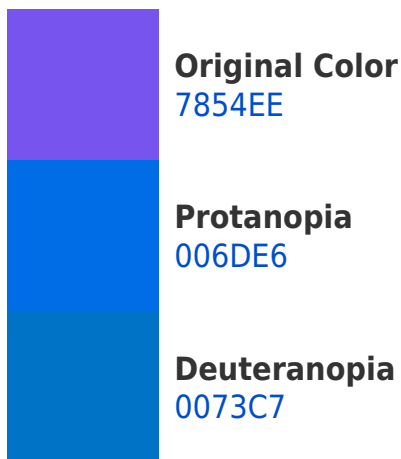



This preview shows how white text looks on a background with the Hex color 7854EE.

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](#).

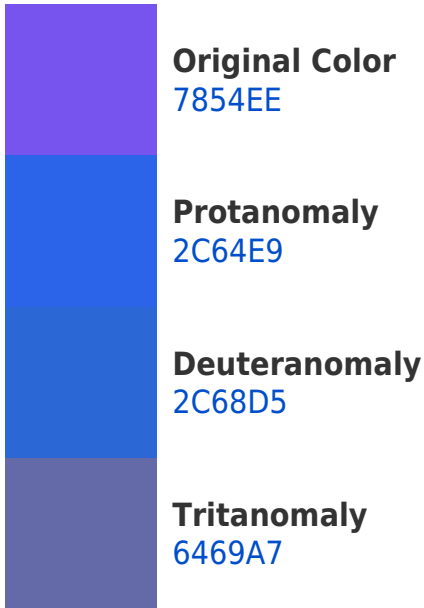
Dichromacy





Tritanopia
58757F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7854EE 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 #7854EE looks like.

```
.text, #text, p{  
    color:#7854EE  
}
```

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 #7854EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7854EE
}
```

Border

The CSS property to change the border of an element to Hex 7854EE 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
#7854EE }
```

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

```
.border{ border-color:#7854EE }
```

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

Here you see how a box with a 4 pixel #7854EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7854EE; -webkit-box-shadow:4px 4px  
4px 4px #7854EE; box-shadow:4px 4px 4px  
4px #7854EE }
```

Background

The CSS property to change the background color of an element to Hex 7854EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7854EE }
```

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

```
.background{ background-color:#7854EE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor