

# Converting Colors

Hex(E678EF)

Have a look what the booklet for  
Hex(E678EF) contains.

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# Color

**Hex(E678EF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E678EF
RGB	230, 120, 239
RGB Percent	90%, 47%, 94%
CMY	0.0980, 0.5294, 0.0627
CMYK	0.04, 0.50, 0.00, 0.06
HSL	295°, 79%, 70%
HSV	295°, 50%, 94%
XYZ	54.9296, 36.4879, 85.8091
YIQ	166.4560, 27.3610, 60.3290

# Conversions

## Conversions Part 2

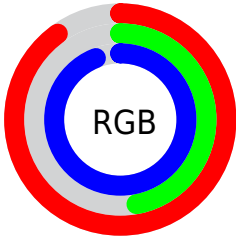
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	230, 120, 239
Decimal	15104239
CIE Lab	66.89, 59.19, -41.82
CIE LCh	67, 72.474, 324.756
Yxy	36.4879, 0.3099, 0.2059
Android (android.graphics.Color)	4293294319 (0xFFE678EF)
YUV	166.4560, 35.7642, 55.7281
Hunter-Lab	60.4052, 56.6100, -41.9412

# Details

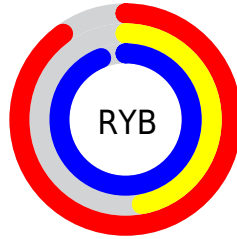
The Hex color **E678EF** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **81EF78**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFB0FF**, and **AC41B7** is the 20% darker color. If you saturate the color by 10%, you get **E460EF**, and if you desaturate by 10%, it is **E890EF**.

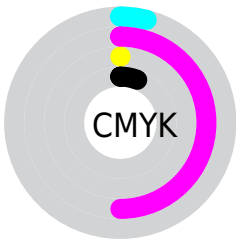
# Distribution



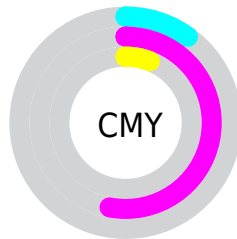
- Red (90%)
- Green (47%)
- Blue (94%)



- Red (90%)
- Yellow (47%)
- Blue (94%)



- Cyan (4%)
- Magenta (50%)
- Yellow (0%)
- Black (6%)



- Cyan (10%)
- Magenta (53%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E678EF 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 E678EF by changing the saturation by 10% instead.



 E678EF

FFFFFF

 FFB0FF

 FFCCFF

 FFE9FF

 E678EF

 C95DD2

 AC41B7

 90239B

 740081

 590067

 3E004F

 260037

 000020

 000005

 E678EF

 E678EF

 E460EF

 E890EF

 E248EF

 EAA8EF

 E130EF

 EBC0EF

 DF18EF

 EDD8EF

 DD01EF

 EFEFEF

 DD00EF

 F1FFEF

 F3FFEF

 F4FFEF

 F6FFEF

# Harmonies

## Analogous

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



8B96FF



E678EF



FF61B1

# Triad

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



E678EF



CC9C00



00C1D8

# Complementary

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



E678EF



81EF78

# 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.



00C095



E678EF



8EAF13

# Square

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



E678EF



FB8136



29BB52



00BBFF

# Rectangle

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



E678EF



FF6185



29BB52



00C1C2



# Sweetspot

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



E678EF



FCD9FF



7882EF



7E6980



000000



808080



# Same Dimension

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



E678EF



F366FF



EF78BD



776C78



AA00B8



340038



# Inverse Universe

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



EF7881



FF6672



78EFAA



786C6D



B8000E

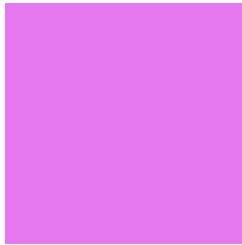


380004



# Previews

## White Background



This preview shows how the Hex color E678EF looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

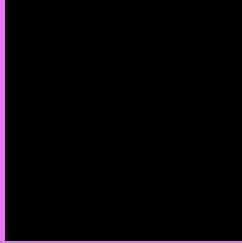
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E678EF Background



This preview shows how black text looks on a background with the Hex color E678EF.

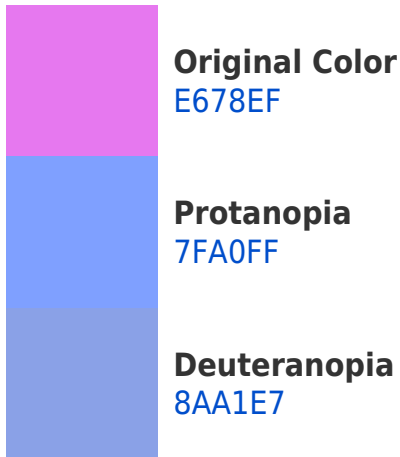


This preview shows how white text looks on a background with the Hex color E678EF.

# 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**  
DB8D98

# Trichromacy



**Original Color**  
E678EF



**Protanomaly**  
A491F9



**Deuteranomaly**  
AB92EA



**Tritanomaly**  
DF85B8

# Monochromacy



**Original Color**  
E678EF



**Achromatopsia**  
A6A6A6



**Achromatomaly**  
BD95C1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E678EF 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 #E678EF looks like.

```
.text, #text, p{  
    color:#E678EF  
}
```

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 #E678EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E678EF
}
```

## Border

The CSS property to change the border of an element to Hex E678EF 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
#E678EF }
```

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

```
.border{ border-color:#E678EF }
```

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

Here you see how a box with a 4 pixel #E678EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E678EF; -webkit-box-shadow:4px 4px  
4px 4px #E678EF; box-shadow:4px 4px 4px  
4px #E678EF }
```

# Background

The CSS property to change the background color of an element to Hex E678EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E678EF }
```

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

```
.background{ background-color:#E678EF }
```

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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