

# Converting Colors

Hex(E47AFF)

Have a look what the booklet for  
Hex(E47AFF) contains.

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# Color

**Hex(E47AFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E47AFF
RGB	228, 122, 255
RGB Percent	89%, 48%, 100%
CMY	0.1059, 0.5216, 0.0000
CMYK	0.11, 0.52, 0.00, 0.00
HSL	288°, 100%, 74%
HSV	288°, 52%, 100%
XYZ	57.0044, 37.6330, 98.8672
YIQ	168.8560, 20.4830, 63.8350

# Conversions

## Conversions Part 2

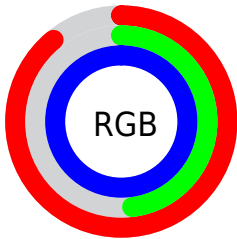
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	228, 122, 255
Decimal	14973695
CIE Lab	67.75, 60.67, -49.27
CIE LCh	68, 78.158, 320.918
Yxy	37.6330, 0.2946, 0.1945
Android (android.graphics.Color)	4293163775 (0xFFE47AFF)
YUV	168.8560, 42.4690, 51.8693
Hunter-Lab	61.3458, 58.5127, -52.6120

# Details

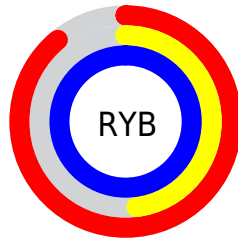
The Hex color **E47AFF** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **95FF7A**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFB2FF**, and **AA43C6** is the 20% darker color. If you saturate the color by 10%, you get **DF61FF**, and if you desaturate by 10%, it is **E994FF**.

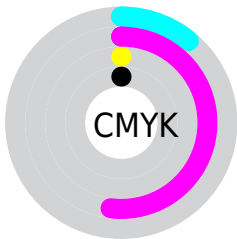
# Distribution



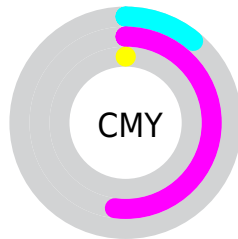
- Red (89%)
- Green (48%)
- Blue (100%)



- Red (89%)
- Yellow (48%)
- Blue (100%)



- Cyan (11%)
- Magenta (52%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (52%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E47AFF 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 E47AFF by changing the saturation by 10% instead.



 E47AFF

FFFFFF

 FFB2FF

 FFCEFF

 FFECFF

 E47AFF

 C75FE2

 AA43C6

 8E25AA

 72008F

 560075

 3B005B

 220043

 00002C

 000116

 E47AFF

 E47AFF

 DF61FF

 E994FF

 DA47FF

 EEADFF

 D42EFF

 F4C7FF

 CF14FF

 F9E0FF

 CB00FF

 FEFAFF

 FFFFFFFF

# Harmonies

## Analogous

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



749CFF



E47AFF



FF5CBE

# Triad

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



E47AFF



D79A00



00C5D6

# Complementary

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



E47AFF



95FF7A

# 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.



00C48C



E47AFF



97B000

# Square

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



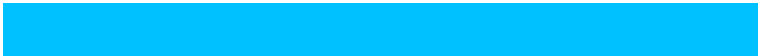
E47AFF



FF7C36



31BD44



00C1FF

# Rectangle

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



E47AFF



FF598E



31BD44



00C5BE



# Sweetspot

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



E47AFF



F7D6FF



7A97FF



7B6780



000000



808080



# Same Dimension

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



E47AFF



DE5EFF



FF7AD9



7D7380



9800BF



330040



# Inverse Universe

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



FF7A95



FF5E7F



7AFFA0



807375



BF0027

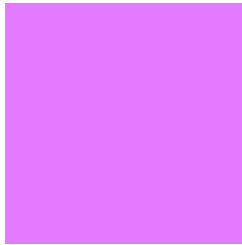


40000D



# Previews

## White Background



This preview shows how the Hex color E47AFF 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

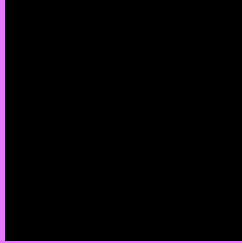
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E47AFF Background



This preview shows how black text looks on a background with the Hex color E47AFF.

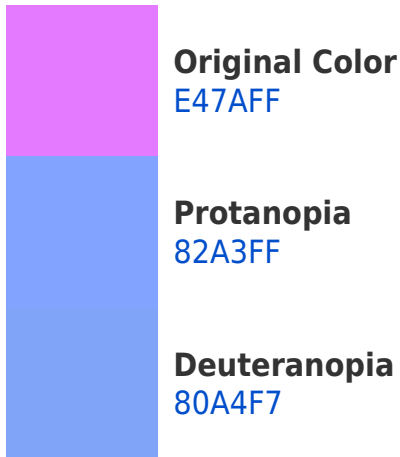



This preview shows how white text looks on a background with the Hex color E47AFF.

# 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](#).

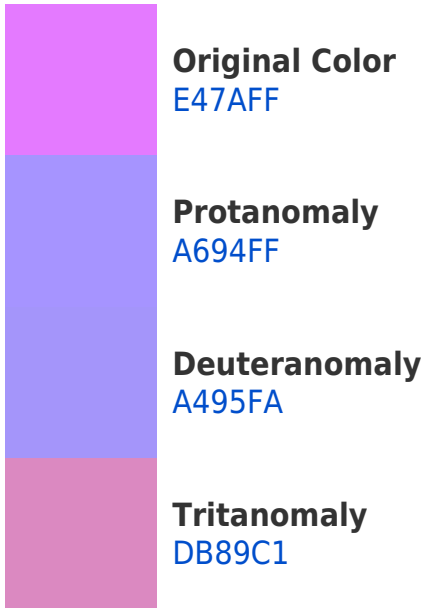
## Dichromacy



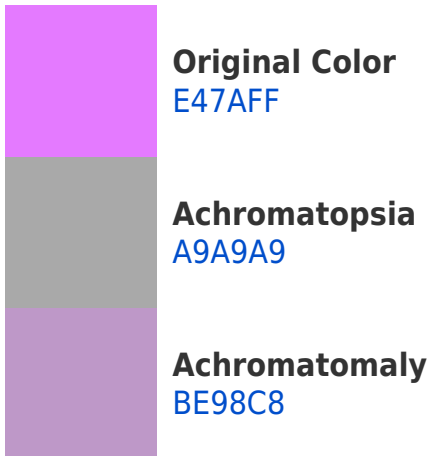


**Tritanopia**  
D6929D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E47AFF 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 #E47AFF looks like.

```
.text, #text, p{  
    color:#E47AFF  
}
```

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 #E47AFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E47AFF
}
```

## Border

The CSS property to change the border of an element to Hex E47AFF 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
#E47AFF }
```

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

```
.border{ border-color:#E47AFF }
```

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

Here you see how a box with a 4 pixel #E47AFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E47AFF; -webkit-box-shadow:4px 4px  
4px 4px #E47AFF; box-shadow:4px 4px 4px  
4px #E47AFF }
```

# Background

The CSS property to change the background color of an element to Hex E47AFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E47AFF }
```

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

```
.background{ background-color:#E47AFF }
```

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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