

# Converting Colors

Hex(EA48FF)

Have a look what the booklet for  
Hex(EA48FF) contains.

<b>Hex(EA48FF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(EA48FF)

# Conversions

## Conversions Part 1

Format	Color
Hex	EA48FF
RGB	234, 72, 255
RGB Percent	92%, 28%, 100%
CMY	0.0824, 0.7176, 0.0000
CMYK	0.08, 0.72, 0.00, 0.00
HSL	293°, 100%, 64%
HSV	293°, 72%, 100%
XYZ	54.2990, 29.3472, 97.4104
YIQ	141.3000, 37.8090, 91.2570

# Conversions

## Conversions Part 2

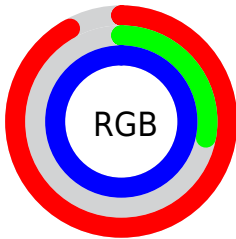
<b>Format</b>	<b>Color</b>
<b>RYB</b>	234, 72, 255
Decimal	15354111
CIELab	61.09, 82.61, -59.81
CIELCh	61, 101.984, 324.097
Yxy	29.3472, 0.2999, 0.1621
Android (android.graphics.Color)	4293544191 (0xFFEA48FF)
YUV	141.3000, 56.0541, 81.2979
Hunter-Lab	54.1730, 84.1125, -68.6904

# Details

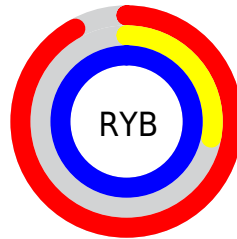
The Hex color **EA48FF** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **5DFF48**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FF86FF**, and **AE00C5** is the 20% darker color. If you saturate the color by 10%, you get **E72FFF**, and if you desaturate by 10%, it is **ED62FF**.

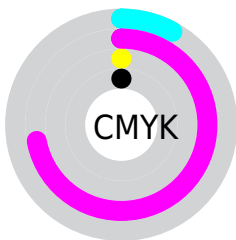
# Distribution



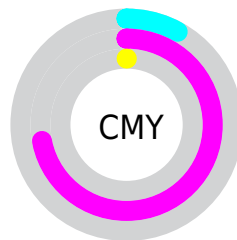
- Red (92%)
- Green (28%)
- Blue (100%)



- Red (92%)
- Yellow (28%)
- Blue (100%)



- Cyan (8%)
- Magenta (72%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (72%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EA48FF 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 EA48FF by changing the saturation by 10% instead.



 EA48FF

 EA48FF

FFFFFF

 CC20E2

 FF86FF

 AE00C5

 FFA4FF

 9000AA

 FFC2FF

 73008E

 FFE0FF

 560074

FFFEFF

 3B005B

 1A0042

 00022B

 000115

 EA48FF

 EA48FF

 E72FFF

 ED62FF

 E415FF

 F07BFF

 E200FF

 F394FF

 F6AEFF

 F9C8FF

 FCE1FF

 FEFBFF

FFFFFF

# Harmonies

## Analogous

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



4184FF



EA48FF



FF00A9

# Triad

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



EA48FF



C28A00



00B8DB

# Complementary

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



EA48FF



5DFF48

# 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.



00B67E



EA48FF



6CA400

# Square

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



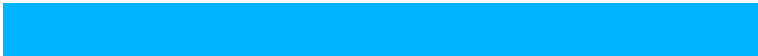
EA48FF



FF5C00



00B10A



00B4FF

# Rectangle

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



EA48FF



FF006E



00B10A



00B8BD



# Sweetspot

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



EA48FF



F9C7FF



485DFF



7C5E80



000000



808080



# Same Dimension

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



EA48FF



E624FF



FF48B9



7E7380



A900BF



380040



# Inverse Universe

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



FF485D



FF243D



48FF8E



807374



BF0016



400007



# Previews

## White Background



This preview shows how the Hex color EA48FF looks on a white background.

## Color Contrast Check

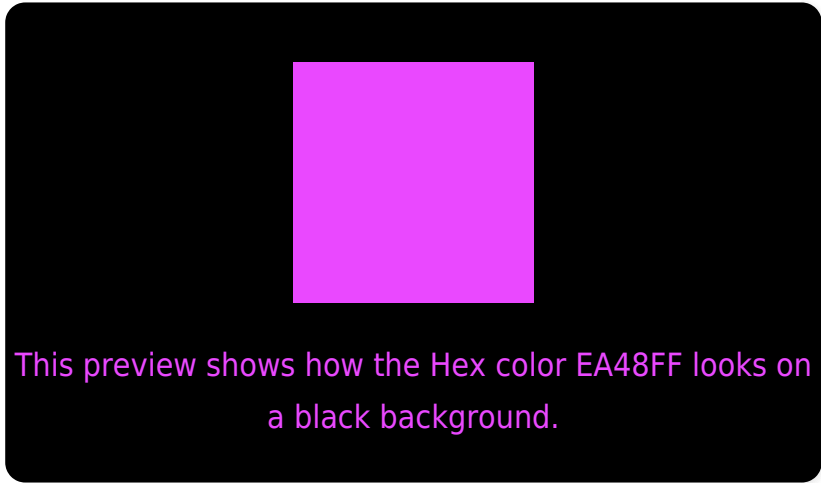
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

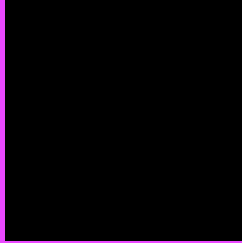
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex EA48FF Background



This preview shows how black text looks on a background with the Hex color EA48FF.

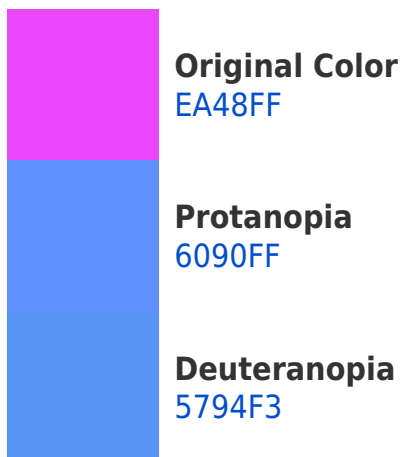



This preview shows how white text looks on a background with the Hex color EA48FF.

# 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**  
DA757D

# Trichromacy



**Original Color**  
EA48FF



**Protanomaly**  
9276FF



**Deuteranomaly**  
8C78F7



**Tritanomaly**  
E065AC

# Monochromacy



**Original Color**  
EA48FF



**Achromatopsia**  
8D8D8D



**Achromatomaly**  
AF74B6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EA48FF 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 #EA48FF looks like.

```
.text, #text, p{  
    color:#EA48FF  
}
```

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 #EA48FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA48FF
}
```

## Border

The CSS property to change the border of an element to Hex EA48FF 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
#EA48FF }
```

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

```
.border{ border-color:#EA48FF }
```

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

Here you see how a box with a 4 pixel #EA48FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA48FF; -webkit-box-shadow:4px 4px  
4px 4px #EA48FF; box-shadow:4px 4px 4px  
4px #EA48FF }
```

# Background

The CSS property to change the background color of an element to Hex EA48FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA48FF }
```

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

```
.background{ background-color:#EA48FF }
```

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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