

# Converting Colors

Hex(EB76EB)

Have a look what the booklet for  
Hex(EB76EB) contains.

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# Color

Hex(**EB76EB**)

# Conversions

## Conversions Part 1

Format	Color
Hex	EB76EB
RGB	235, 118, 235
RGB Percent	92%, 46%, 92%
CMY	0.0784, 0.5373, 0.0784
CMYK	0.00, 0.50, 0.00, 0.08
HSL	300°, 75%, 69%
HSV	300°, 50%, 92%
XYZ	55.7348, 36.6172, 82.7275
YIQ	166.3210, 32.1750, 61.1910

# Conversions

## Conversions Part 2

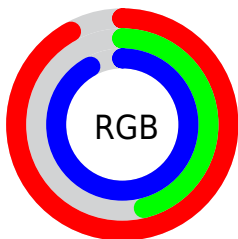
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	235, 118, 235
Decimal	15431403
CIE <sub>Lab</sub>	66.99, 60.79, -39.41
CIE <sub>LCh</sub>	67, 72.452, 327.043
Yxy	36.6172, 0.3183, 0.2091
Android (android.graphics.Color)	4293621483 (0xFFEB76EB)
YUV	166.3210, 33.8587, 60.2315
Hunter-Lab	60.5121, 58.5114, -38.6982

# Details

The Hex color **EB76EB** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **76EB76**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFAEFF**, and **B13EB3** is the 20% darker color. If you saturate the color by 10%, you get **EB5FEB**, and if you desaturate by 10%, it is **EB8EEB**.

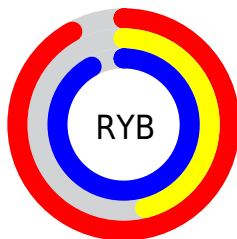
# Distribution



Red (92%)

Green (46%)

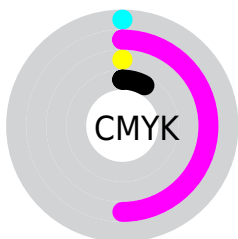
Blue (92%)



Red (92%)

Yellow (46%)

Blue (92%)

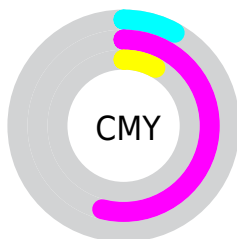


Cyan (0%)

Magenta (50%)

Yellow (0%)

Black (8%)



Cyan (8%)

Magenta (54%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB76EB 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 EB76EB by changing the saturation by 10% instead.



 EB76EB

 EB76EB

FFFFFF

 CE5ACF

 FFAEFF

 B13EB3

 FFCBFF

 941E98

 FFE8FF

 79007D

 5D0064

 42004B

 2A0034

 00001E

 000000

 EB76EB

 EB76EB

 EB5FEB

 EB8EEB

 EB47EB

 EBA5EB

 EB30EB

 EBBDEB

 EB18EB

 EBD4EB

 EB00EB

 EBCEEB

 EBFFEB

# Harmonies

## Analogous

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



9594FF



EB76EB



FF61AC

# Triad

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



EB76EB



C89E00



00C1DD

# Complementary

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



EB76EB



76EB76

# 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.



00C19A



EB76EB



89B119

# Square

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



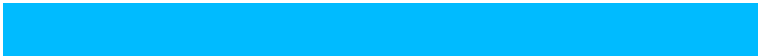
EB76EB



F88332



13BC58



00BBFF

# Rectangle

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



EB76EB



FF6381



13BC58



00C1C7



# Sweetspot

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



EB76EB



FFD9FF



7676EB



806980



000000



808080



# Same Dimension

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



EB76EB



FF66FF



EB76B1



756A75



B500B5



360036



# Inverse Universe

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



EB76EB



FF66FF



76EBB1



756A75



B500B5

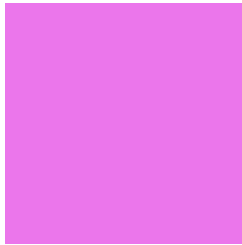


360036



# Previews

## White Background



This preview shows how the Hex color EB76EB 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 EB76EB Background



This preview shows how black text looks on a background with the Hex color EB76EB.



This preview shows how white text looks on a background with the Hex color EB76EB.

# 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**  
E08B95

# Trichromacy



**Original Color**  
EB76EB



**Protanomaly**  
A791F8



**Deuteranomaly**  
B091E6



**Tritanomaly**  
E483B4

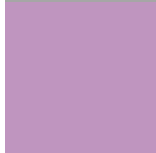
# Monochromacy



**Original Color**  
EB76EB



**Achromatopsia**  
A6A6A6



**Achromatomaly**  
BF95BF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB76EB 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 #EB76EB looks like.

```
.text, #text, p{  
    color:#EB76EB  
}
```

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 #EB76EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB76EB
}
```

## Border

The CSS property to change the border of an element to Hex EB76EB 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
#EB76EB }
```

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

```
.border{ border-color:#EB76EB }
```

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

Here you see how a box with a 4 pixel #EB76EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB76EB; -webkit-box-shadow:4px 4px  
4px 4px #EB76EB; box-shadow:4px 4px 4px  
4px #EB76EB }
```

# Background

The CSS property to change the background color of an element to Hex EB76EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB76EB }
```

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

```
.background{ background-color:#EB76EB }
```

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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