

# Converting Colors

Hex(EB3DEB)

Have a look what the booklet for  
Hex(EB3DEB) contains.

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# Color

Hex(**EB3DEB**)

# Conversions

## Conversions Part 1

Format	Color
Hex	EB3DEB
RGB	235, 61, 235
RGB Percent	92%, 24%, 92%
CMY	0.0784, 0.7608, 0.0784
CMYK	0.00, 0.74, 0.00, 0.08
HSL	300°, 81%, 58%
HSV	300°, 74%, 92%
XYZ	50.9251, 26.9978, 81.1243
YIQ	132.8620, 47.8500, 91.0020

# Conversions

## Conversions Part 2

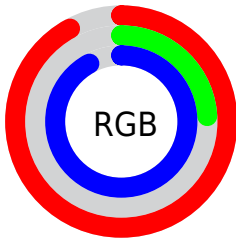
Format	Color
R <sub>Y</sub> B	235, 61, 235
Decimal	15416811
CIE Lab	58.97, 82.94, -52.05
CIE LCh	59, 97.924, 327.891
Yxy	26.9978, 0.3202, 0.1697
Android (android.graphics.Color)	4293606891 (0xFFEB3DEB)
YUV	132.8620, 50.3540, 89.5750
Hunter-Lab	51.9594, 84.0177, -56.1980

# Details

The Hex color **EB3DEB** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **3DEB3D**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF7EFF**, and **AF00B2** is the 20% darker color. If you saturate the color by 10%, you get **EB25EB**, and if you desaturate by 10%, it is **EB55EB**.

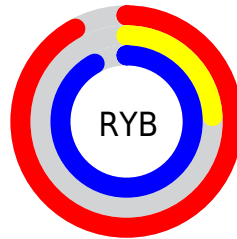
# Distribution



Red (92%)

Green (24%)

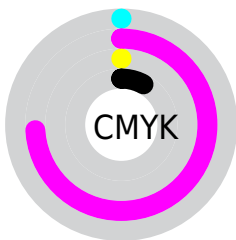
Blue (92%)



Red (92%)

Yellow (24%)

Blue (92%)

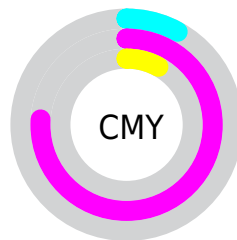


Cyan (0%)

Magenta (74%)

Yellow (0%)

Black (8%)



Cyan (8%)

Magenta (76%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB3DEB 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 EB3DEB by changing the saturation by 10% instead.



 EB3DEB

 EB3DEB

FFFFFF

 CD07CE

 FF7EFF

 AF00B2

 FF9CFF

 910097

 FFBAFF

 74007D

 FFD8FF

 580063

 FFF6FF

 3D004A

 1E0033

 00021C

 000000

 EB3DEB

 EB3DEB

 EB25EB

 EB55EB

 EB0EEB

 EB6CEB

 EB00EB

 EB84EB

 EB9BEB

 EBB3EB

 EBCAEB

 EBE2EB

 EBF9EB

 EBFFEB

# Harmonies

## Analogous

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



697AFF



EB3DEB



FF0098

# Triad

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



EB3DEB



B28900



00B1DD

# Complementary

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



EB3DEB



3DEB3D

# 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.



00B085



EB3DEB



5BA000

# Square

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



EB3DEB



F16000



00AB23



00ACFF

# Rectangle

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



EB3DEB



FF0060



00AB23



00B1C1



# Sweetspot

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



EB3DEB



FFC7FF



3D3DEB



805E80



000000



808080



# Same Dimension

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



EB3DEB



FF1CFF



EB3D94



756A75



B500B5



360036



# Inverse Universe

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



EB3DEB



FF1CFF



3DEB94



756A75



B500B5



360036



# Previews

## White Background



This preview shows how the Hex color EB3DEB looks on a white background.

## Color Contrast Check

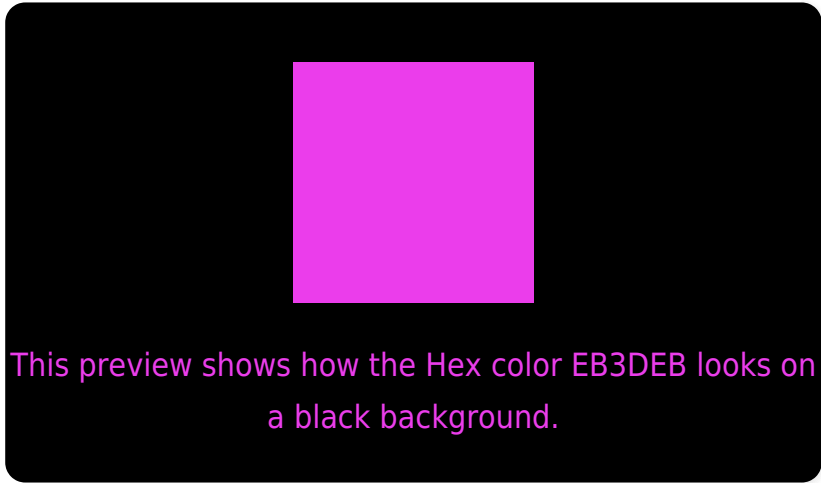
Large Text (above 18pt) WCAG AA ✓ Pass

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

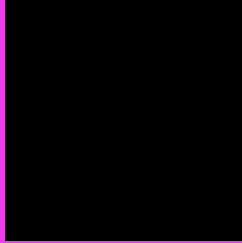
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex EB3DEB Background



This preview shows how black text looks on a background with the Hex color EB3DEB.

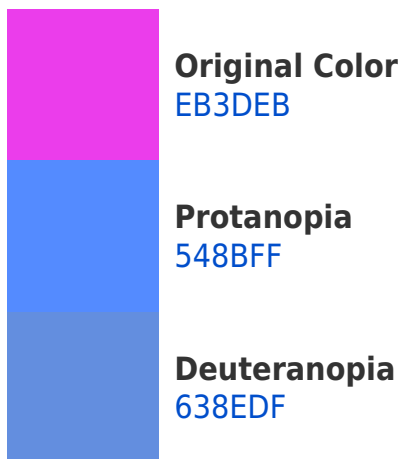


This preview shows how white text looks on a background with the Hex color EB3DEB.

# 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**  
DD6971

# Trichromacy



**Original Color**  
EB3DEB



**Protanomaly**  
8B6FF8



**Deuteranomaly**  
9471E3



**Tritanomaly**  
E2599D

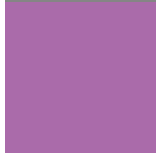
# Monochromacy



**Original Color**  
EB3DEB



**Achromatopsia**  
858585



**Achromatomaly**  
AA6BAA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB3DEB 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 #EB3DEB looks like.

```
.text, #text, p{  
    color:#EB3DEB  
}
```

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 #EB3DEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB3DEB
}
```

## Border

The CSS property to change the border of an element to Hex EB3DEB 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
#EB3DEB }
```

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

```
.border{ border-color:#EB3DEB }
```

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

Here you see how a box with a 4 pixel #EB3DEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB3DEB; -webkit-box-shadow:4px 4px  
4px 4px #EB3DEB; box-shadow:4px 4px 4px  
4px #EB3DEB }
```

# Background

The CSS property to change the background color of an element to Hex EB3DEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB3DEB }
```

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

```
.background{ background-color:#EB3DEB }
```

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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