

# Converting Colors

Hex(EF1BD9)

Have a look what the booklet for  
Hex(EF1BD9) contains.

<b>Hex(EF1BD9)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(E E1BD9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EE1BD9
RGB	238, 27, 217
RGB Percent	93%, 11%, 85%
CMY	0.0667, 0.8941, 0.1490
CMYK	0.00, 0.89, 0.09, 0.07
HSL	306°, 86%, 52%
HSV	306°, 89%, 93%
XYZ	48.1762, 23.9708, 67.7333
YIQ	111.7490, 64.7660, 103.8220

# Conversions

## Conversions Part 2

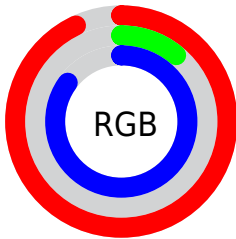
Format	Color
R <sub>Y</sub> B	238, 27, 217
Decimal	15604697
CIE Lab	56.06, 88.06, -46.49
CIE LCh	56, 99.581, 332.169
Yxy	23.9708, 0.3444, 0.1714
Android (android.graphics.Color)	4293794777 (0xFFEE1BD9)
YUV	111.7490, 51.8887, 110.7221
Hunter-Lab	48.9599, 89.9627, -47.7524

# Details

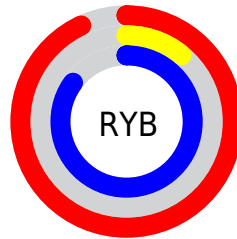
The Hex color **EE1BD9** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **1BEE30**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF6BFF**, and **B100A1** is the 20% darker color. If you saturate the color by 10%, you get **EE03D7**, and if you desaturate by 10%, it is **EE33DB**.

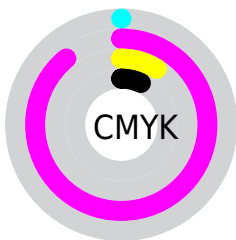
# Distribution



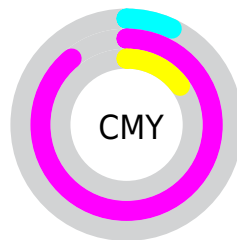
- Red (93%)
- Green (11%)
- Blue (85%)



- Red (93%)
- Yellow (11%)
- Blue (85%)



- Cyan (0%)
- Magenta (89%)
- Yellow (9%)
- Black (7%)



- Cyan (7%)
- Magenta (89%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EE1BD9 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 EE1BD9 by changing the saturation by 10% instead.



 EE1BD9

 EE1BD9

FFFFFF

 CF00BD

 FF6BFF

 B100A1

 FF8AFF

 930087

 FFA9FF

 76006D

 FFC7FF

 590054

 FFE6FF

 3D003C

 1F0025

 00000D

 000000

■ EE1BD9

■ EE1BD9

■ EE03D7

■ EE33DB

■ EE00D6

■ EE4BDE

■ EE62E0

■ EE7AE2

■ EE92E5

■ EEAAE7

■ EEC2EA

■ EED9EC

■ EEF1EE

# Harmonies

## Analogous

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



7C6BFF



EE1BD9



FF0084

# Triad

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



EE1BD9



9E8600



00A9E2

# Complementary

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



EE1BD9



1BEE30

# 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.



00A88B



EE1BD9



3E9A00

# Square

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



EE1BD9



E15F00



00A42A



00A3FF

# Rectangle

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



EE1BD9



FF004C



00A42A



00A9C6



# Sweetspot

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



EE1BD9



FFBAF8



2D1BEE



80577B



000000



808080



# Same Dimension

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



EE1BD9



FF00E6



EE1B73



786C77



B800A5



380033



# Inverse Universe

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



EE1BD9



FF00E6



1BEE96



786C77



B800A5



380033



# Previews

## White Background



This preview shows how the Hex color EE1BD9 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 EE1BD9 Background



This preview shows how black text looks on a background with the Hex color EE1BD9.



This preview shows how white text looks on a background with the Hex color EE1BD9.

# 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





# Trichromacy



**Original Color**  
EE1BD9



**Protanomaly**  
805DF1



**Deuteranomaly**  
975FD1



**Tritanomaly**  
E6428A

# Monochromacy



**Original Color**  
EE1BD9



**Achromatopsia**  
707070



**Achromatomaly**  
9E5196

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EE1BD9 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 #EE1BD9 looks like.

```
.text, #text, p{  
    color:#EE1BD9  
}
```

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 #EE1BD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE1BD9
}
```

## Border

The CSS property to change the border of an element to Hex EE1BD9 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
#EE1BD9 }
```

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

```
.border{ border-color:#EE1BD9 }
```

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

Here you see how a box with a 4 pixel #EE1BD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE1BD9; -webkit-box-shadow:4px 4px  
4px 4px #EE1BD9; box-shadow:4px 4px 4px  
4px #EE1BD9 }
```

# Background

The CSS property to change the background color of an element to Hex EE1BD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE1BD9 }
```

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

```
.background{ background-color:#EE1BD9 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor