

# Converting Colors

Hex(EB23B7)

Have a look what the booklet for  
Hex(EB23B7) contains.

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**Color**

**Hex(EB23B7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB23B7
RGB	235, 35, 183
RGB Percent	92%, 14%, 72%
CMY	0.0784, 0.8627, 0.2824
CMYK	0.00, 0.85, 0.22, 0.08
HSL	316°, 83%, 53%
HSV	316°, 85%, 92%
XYZ	43.4092, 22.2831, 46.8129
YIQ	111.6720, 71.6920, 88.4280

# Conversions

## Conversions Part 2

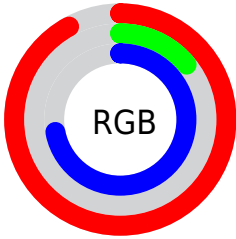
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	235, 35, 183
Decimal	15410103
CIE Lab	54.33, 81.92, -29.70
CIE LCh	54, 87.138, 340.074
Yxy	22.2831, 0.3858, 0.1981
Android (android.graphics.Color)	4293600183 (0xFFEB23B7)
YUV	111.6720, 35.1647, 108.1587
Hunter-Lab	47.2050, 81.5379, -25.7540

# Details

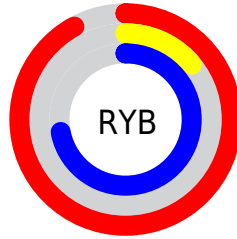
The Hex color **EB23B7** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **23EB57**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF6CEF**, and **AE0082** is the 20% darker color. If you saturate the color by 10%, you get **EB0CB1**, and if you desaturate by 10%, it is **EB3BBD**.

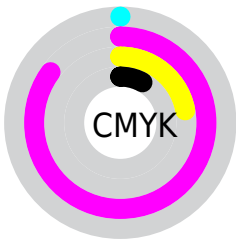
# Distribution



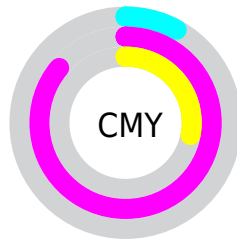
- Red (92%)
- Green (14%)
- Blue (72%)



- Red (92%)
- Yellow (14%)
- Blue (72%)



- Cyan (0%)
- Magenta (85%)
- Yellow (22%)
- Black (8%)



- Cyan (8%)
- Magenta (86%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB23B7 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 EB23B7 by changing the saturation by 10% instead.



 EB23B7

 EB23B7

FFFFFF

 CC009C

 FF6CEF

 AE0082

 FF8BFF

 910068

 FFA9FF

 730050

 FFC7FF

 570038

 FFE6FF

 3A0022

 1A0007

 000000

 EB23B7

 EB23B7

 EB0CB1

 EB3BBD

 EB00AE

 EB52C3

 EB6AC9

 EB81CF

 EB99D6

 EBB0DC

 EBC8E2

 EBDFE8

 EBF7EE

# Harmonies

## Analogous

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



A05FF7



EB23B7



FF006C

# Triad

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



EB23B7



878700



00A0E2

# Complementary

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



EB23B7



23EB57

# 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.



00A19A



EB23B7



249700

# Square

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



EB23B7



C66B00



009E4B



0098FF

# Rectangle

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



EB23B7



FB283C



009E4B



00A1CC



# Sweetspot

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



EB23B7



FFBDEE



5523EB



805875



000000



808080



# Same Dimension

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



EB23B7



FF00BD



EB2355



756A72



B50086



360028



# Inverse Universe

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



EB23B7



FF00BD



23EBB9



756A72



B50086



360028



# Previews

## White Background



This preview shows how the Hex color EB23B7 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 EB23B7 Background



This preview shows how black text looks on a background with the Hex color EB23B7.

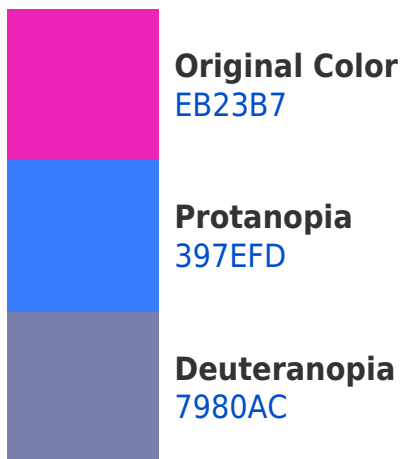


This preview shows how white text looks on a background with the Hex color EB23B7.

# 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**  
E34E52

# Trichromacy



**Original Color**  
EB23B7



**Protanomaly**  
7A5DE4



**Deuteranomaly**  
A25EB0



**Tritanomaly**  
E63E77

# Monochromacy



**Original Color**  
EB23B7



**Achromatopsia**  
707070



**Achromatomaly**  
9D548A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB23B7 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 #EB23B7 looks like.

```
.text, #text, p{  
    color:#EB23B7  
}
```

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 #EB23B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB23B7
}
```

## Border

The CSS property to change the border of an element to Hex EB23B7 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
#EB23B7 }
```

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

```
.border{ border-color:#EB23B7 }
```

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

Here you see how a box with a 4 pixel #EB23B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB23B7; -webkit-box-shadow:4px 4px  
4px 4px #EB23B7; box-shadow:4px 4px 4px  
4px #EB23B7 }
```

# Background

The CSS property to change the background color of an element to Hex EB23B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB23B7 }
```

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

```
.background{ background-color:#EB23B7 }
```

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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