

# Converting Colors

Hex(EC23AD)

Have a look what the booklet for  
Hex(EC23AD) contains.

<b>Hex(EC23AD)</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(EC23AD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EC23AD
RGB	236, 35, 173
RGB Percent	93%, 14%, 68%
CMY	0.0745, 0.8627, 0.3216
CMYK	0.00, 0.85, 0.27, 0.07
HSL	319°, 84%, 53%
HSV	319°, 85%, 93%
XYZ	42.7359, 22.0521, 41.5392
YIQ	110.8310, 75.4980, 85.5300

# Conversions

## Conversions Part 2

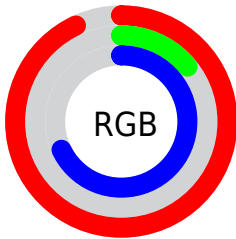
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	236, 35, 173
Decimal	15475629
CIE <sub>Lab</sub>	54.08, 80.97, -24.22
CIE <sub>LCh</sub>	54, 84.517, 343.345
Yxy	22.0521, 0.4019, 0.2074
Android (android.graphics.Color)	4293665709 (0xFFEC23AD)
YUV	110.8310, 30.6493, 109.7732
Hunter-Lab	46.9596, 80.2658, -19.5746

# Details

The Hex color **EC23AD** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **23EC62**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF6CE5**, and **AF0078** is the 20% darker color. If you saturate the color by 10%, you get **EC0BA6**, and if you desaturate by 10%, it is **EC3BB4**.

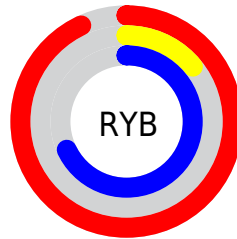
# Distribution



Red (93%)

Green (14%)

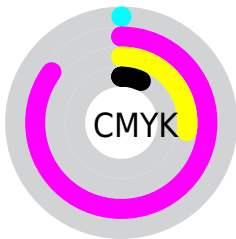
Blue (68%)



Red (93%)

Yellow (14%)

Blue (68%)

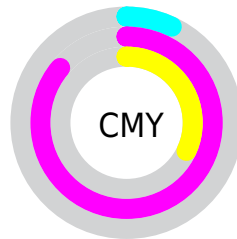


Cyan (0%)

Magenta (85%)

Yellow (27%)

Black (7%)



Cyan (7%)

Magenta (86%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EC23AD 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 EC23AD by changing the saturation by 10% instead.



 EC23AD

 EC23AD

FFFFFF

 CD0092

 FF6CE5

 AF0078

 FF8BFF

 91005F

 FFA9FF

 740047

 FFC7FF

 570031

 FFE5FF

 3A001B

 190001

 000000

 EC23AD

 EC23AD

 EC0BA6

 EC3BB4

 EC00A2

 EC52BC

 EC6AC3

 EC81CB

 EC99D2

 ECB1D9

 ECC8E1

 ECE0E8

 ECF7F0

# Harmonies

## Analogous

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



AA5BED



EC23AD



FE0464

# Triad

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



EC23AD



7F8800



009EE5

# Complementary

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



EC23AD



23EC62

# 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.



00A0A1



EC23AD



109700

# Square

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



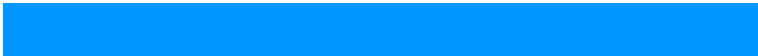
EC23AD



BE6F00



009D54



0095FF

# Rectangle

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



EC23AD



F43435



009D54



009FD0



# Sweetspot

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



EC23AD



FFBDEA



5F23EC



805873



000000



808080



# Same Dimension

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



EC23AD



FF00AF



EC234B



756A72



B5007C



360025



# Inverse Universe

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



EC23AD



FF00AF



23ECC4



756A72



B5007C



360025



# Previews

## White Background



This preview shows how the Hex color EC23AD 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 EC23AD Background



This preview shows how black text looks on a background with the Hex color EC23AD.

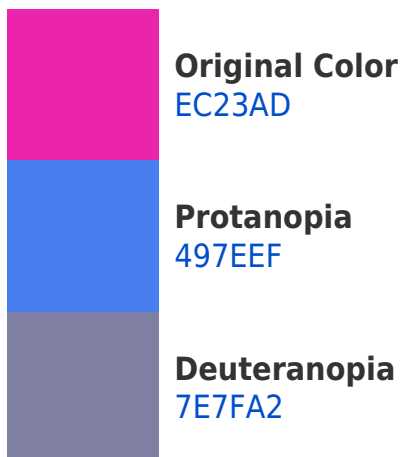


This preview shows how white text looks on a background with the Hex color EC23AD.

# 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**  
E54A4E

# Trichromacy



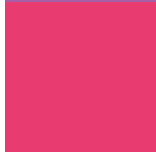
**Original Color**  
EC23AD



**Protanomaly**  
845DD7



**Deuteranomaly**  
A65EA6

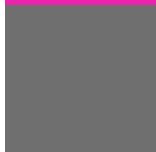


**Tritanomaly**  
E83C71

# Monochromacy



**Original Color**  
EC23AD



**Achromatopsia**  
6F6F6F



**Achromatomaly**  
9C5386

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC23AD 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 #EC23AD looks like.

```
.text, #text, p{  
    color:#EC23AD  
}
```

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 #EC23AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC23AD
}
```

## Border

The CSS property to change the border of an element to Hex EC23AD 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
#EC23AD }
```

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

```
.border{ border-color:#EC23AD }
```

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

Here you see how a box with a 4 pixel #EC23AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC23AD; -webkit-box-shadow:4px 4px  
4px 4px #EC23AD; box-shadow:4px 4px 4px  
4px #EC23AD }
```

# Background

The CSS property to change the background color of an element to Hex EC23AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC23AD }
```

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

```
.background{ background-color:#EC23AD }
```

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**