

# Converting Colors

Hex(EC0679)

Have a look what the booklet for  
Hex(EC0679) contains.

<b>Hex(EC0679)</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(EC0679)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EC0679
RGB	236, 6, 121
RGB Percent	93%, 2%, 47%
CMY	0.0745, 0.9765, 0.5255
CMYK	0.00, 0.97, 0.49, 0.07
HSL	330°, 95%, 47%
HSV	330°, 97%, 93%
XYZ	38.1084, 19.3436, 19.8143
YIQ	87.8800, 100.1650, 84.5250

# Conversions

## Conversions Part 2

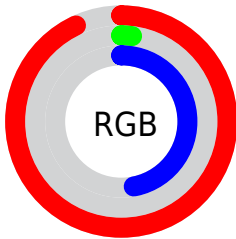
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	236, 6, 121
Decimal	15468153
CIE <sub>Lab</sub>	51.09, 79.53, 2.33
CIE <sub>LCh</sub>	51, 79.559, 1.679
Yxy	19.3436, 0.4932, 0.2503
Android (android.graphics.Color)	4293658233 (0xFFEC0679)
YUV	87.8800, 16.3282, 129.9012
Hunter-Lab	43.9814, 77.6970, 4.0758

# Details

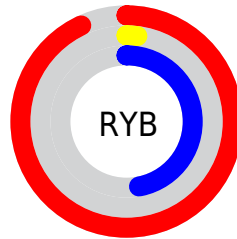
The Hex color **EC0679** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **06EC79**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF61AD**, and **AD0049** is the 20% darker color. If you saturate the color by 10%, you get **EC0076**, and if you desaturate by 10%, it is **EC1E85**.

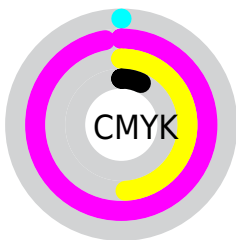
# Distribution



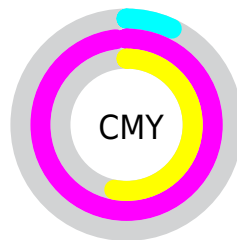
- Red (93%)
- Green (2%)
- Blue (47%)



- Red (93%)
- Yellow (2%)
- Blue (47%)



- Cyan (0%)
- Magenta (97%)
- Yellow (49%)
- Black (7%)



- Cyan (7%)
- Magenta (98%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EC0679 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 EC0679 by changing the saturation by 10% instead.



 EC0679

 EC0679

FFFFFF

 CC0060

 FF61AD

 AD0049

 FF80C8

 8E0033

 FF9EE4

 70001E

 FFBCFF

 530004

 FFDBFF

 330002

 FFF9FF

 000000

 EC0679

 EC0679

 EC0076

 EC1E85

 EC3591

 EC4D9C

 EC64A8

 EC7CB4

 EC94C0

 ECABCC

 ECC3D7

 ECDAE3

# Harmonies

## Analogous

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



CB3ABB



EC0679



E73137

# Triad

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



EC0679



4A8900



0091F2

# Complementary

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



EC0679



06EC79

# 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.



0096C0



EC0679



009233

# Square

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



EC0679



917800



00967C



0082FF

# Rectangle

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



EC0679



D34F00



00967C



0093E4



# Sweetspot

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



EC0679



FFB5DA



7906EC



805369



000000



808080



# Same Dimension

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



EC0679



FF0080



EC0606



756A6F



B5005B



36001B



# Inverse Universe

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



EC0679



FF0080



06ECEC



756A6F



B5005B



36001B



# Previews

## White Background



This preview shows how the Hex color EC0679 looks on a white background.

## Color Contrast Check

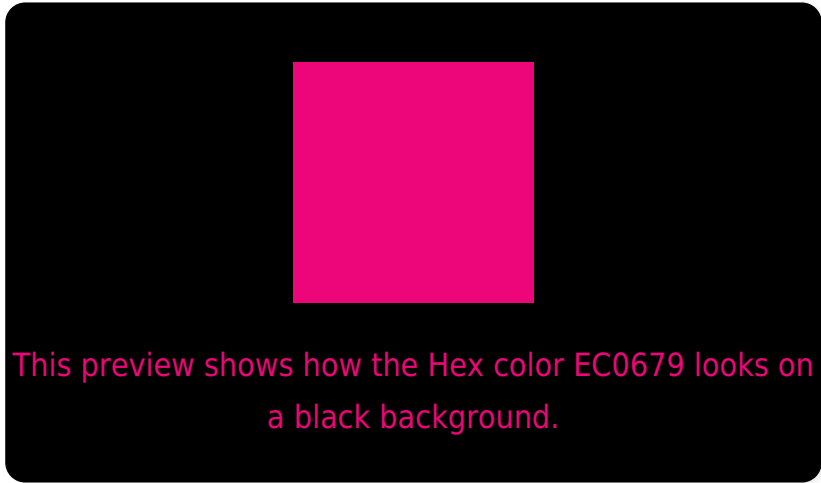
Large Text (above 18pt) WCAG AA ✓ Pass

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 EC0679 Background



This preview shows how black text looks on a background with the Hex color EC0679.



This preview shows how white text looks on a background with the Hex color EC0679.

# 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**  
E93030

# Trichromacy



**Original Color**  
EC0679



**Protanomaly**  
994F9B



**Deuteranomaly**  
AE4E73

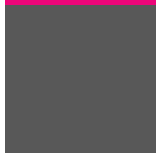


**Tritanomaly**  
EA214B

# Monochromacy



**Original Color**  
EC0679



**Achromatopsia**  
585858



**Achromatomaly**  
8E3A64

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC0679 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 #EC0679 looks like.

```
.text, #text, p{  
    color:#EC0679  
}
```

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 #EC0679 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC0679
}
```

## Border

The CSS property to change the border of an element to Hex EC0679 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
#EC0679 }
```

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

```
.border{ border-color:#EC0679 }
```

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

Here you see how a box with a 4 pixel #EC0679 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC0679; -webkit-box-shadow:4px 4px  
4px 4px #EC0679; box-shadow:4px 4px 4px  
4px #EC0679 }
```

# Background

The CSS property to change the background color of an element to Hex EC0679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC0679 }
```

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

```
.background{ background-color:#EC0679 }
```

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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