

# Converting Colors

Hex(EB0270)

Have a look what the booklet for  
Hex(EB0270) contains.

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**Color**

**Hex(EB0270)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EB0270
RGB	235, 2, 112
RGB Percent	92%, 1%, 44%
CMY	0.0784, 0.9922, 0.5608
CMYK	0.00, 0.99, 0.52, 0.08
HSL	332°, 98%, 46%
HSV	332°, 99%, 92%
XYZ	37.2073, 18.8754, 17.0115
YIQ	84.2070, 103.5580, 83.6060

# Conversions

## Conversions Part 2

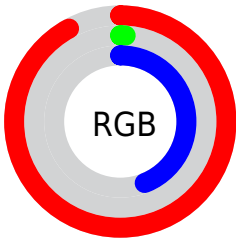
<b>Format</b>	<b>Color</b>
<b>RYB</b>	235, 2, 112
Decimal	15401584
CIELab	50.54, 78.95, 7.01
CIELCh	51, 79.258, 5.072
Yxy	18.8754, 0.5090, 0.2582
Android (android.graphics.Color)	4293591664 (0xFFEB0270)
YUV	84.2070, 13.7019, 132.2455
Hunter-Lab	43.4459, 76.8381, 7.1967

# Details

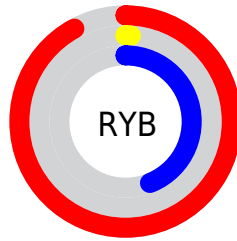
The Hex color **EB0270** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **02EB7D**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF5FA3**, and **AC0041** is the 20% darker color. If you saturate the color by 10%, you get **EB006F**, and if you desaturate by 10%, it is **EB197C**.

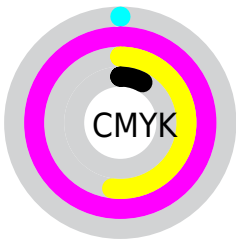
# Distribution



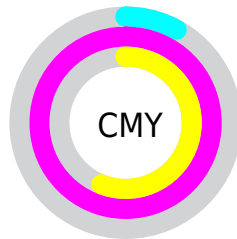
- Red (92%)
- Green (1%)
- Blue (44%)



- Red (92%)
- Yellow (1%)
- Blue (44%)



- Cyan (0%)
- Magenta (99%)
- Yellow (52%)
- Black (8%)



- Cyan (8%)
- Magenta (99%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB0270 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 EB0270 by changing the saturation by 10% instead.



 EB0270

 EB0270

FFFFFF

 CB0058

 FF5FA3

 AC0041

 FF7EBE

 8D002B

 FF9DDA

 6E0018

 FFBBF6

 510004

 FFD9FF

 310002

 FFF8FF

 000000

 EB0270

 EB0270

 EB006F

 EB197C

 EB3189

 EB4995

 EB60A2

 EB78AE

 EB8FBA

 EBA6C7

 EBBED3

 EBD6E0

# Harmonies

## Analogous

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



CF32B3



EB0270



E2352E

# Triad

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



EB0270



3E8900



008EF4

# Complementary

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



EB0270



02EB7D

# 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.



0094C5



EB0270



00913B

# Square

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



EB0270



887A00



009482



007EFF

# Rectangle

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



EB0270



CC5200



009482



0091E7



# Sweetspot

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



EB0270



FFB3D7



7A02EB



805267



000000



808080



# Same Dimension

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



EB0270



FF0078



EB0602



756A6F



B50055



360019



# Inverse Universe

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



EB0270



FF0078



02E7EB



756A6F



B50055



360019



# Previews

## White Background



This preview shows how the Hex color EB0270 looks on a white background.

## Color Contrast Check

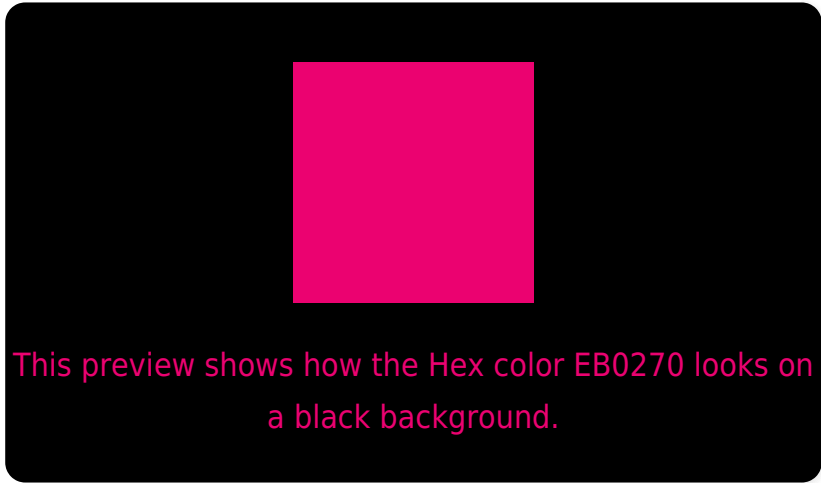
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB0270 Background



This preview shows how black text looks on a background with the Hex color EB0270.



This preview shows how white text looks on a background with the Hex color EB0270.

# 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**  
EB0270



**Protanomaly**  
9B4D90



**Deuteranomaly**  
AF4B6A

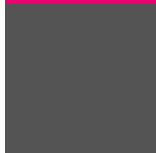


**Tritanomaly**  
E91D45

# Monochromacy



**Original Color**  
EB0270



**Achromatopsia**  
545454



**Achromatomaly**  
8B365E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB0270 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 #EB0270 looks like.

```
.text, #text, p{  
    color:#EB0270  
}
```

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 #EB0270 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB0270
}
```

## Border

The CSS property to change the border of an element to Hex EB0270 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
#EB0270 }
```

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

```
.border{ border-color:#EB0270 }
```

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

Here you see how a box with a 4 pixel #EB0270 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB0270; -webkit-box-shadow:4px 4px  
4px 4px #EB0270; box-shadow:4px 4px 4px  
4px #EB0270 }
```

# Background

The CSS property to change the background color of an element to Hex EB0270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB0270 }
```

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

```
.background{ background-color:#EB0270 }
```

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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