

Converting Colors

Hex(EB0056)

Have a look what the booklet for
Hex(EB0056) contains.

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Color

Hex(EB0056)

Conversions

Conversions Part 1

Format	Color
Hex	EB0056
RGB	235, 0, 86
RGB Percent	92%, 0%, 34%
CMY	0.0784, 1.0000, 0.6627
CMYK	0.00, 1.00, 0.63, 0.08
HSL	338°, 100%, 46%
HSV	338°, 100%, 92%
XYZ	35.9407, 18.3341, 10.4486
YIQ	80.0690, 112.4540, 76.5660

Conversions

Conversions Part 2

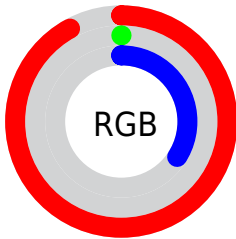
Format	Color
R_{YB}	235, 0, 86
Decimal	15401046
CIE Lab	49.90, 77.52, 22.05
CIE LCh	50, 80.594, 15.881
Yxy	18.3341, 0.5553, 0.2833
Android (android.graphics.Color)	4293591126 (0xFFEB0056)
YUV	80.0690, 2.9240, 135.8745
Hunter-Lab	42.8183, 74.8967, 15.5047

Details

The Hex color **EB0056** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **00EB95**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **FF5E87**, and **AB002A** is the 20% darker color. If you saturate the color by 10%, you get **EB0056**, and if you desaturate by 10%, it is **EB1765**.

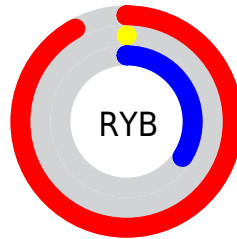
Distribution



Red (92%)

Green (0%)

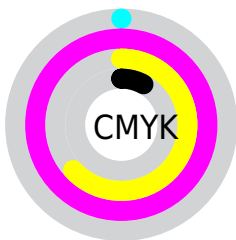
Blue (34%)



Red (92%)

Yellow (0%)

Blue (34%)

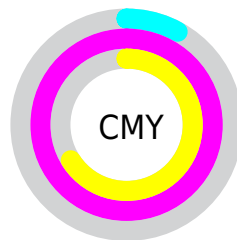


Cyan (0%)

Magenta (100%)

Yellow (63%)

Black (8%)



Cyan (8%)

Magenta (100%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB0056 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 EB0056 by changing the saturation by 10% instead.

 EB0056

 EB0056

FFFFFF

 CB003F

 FF5E87

 AB002A

 FF7DA1

 8B0017

 FF9BBC

 6C0002

 FFB9D8

 4E0004

 FFD7F4

 2E0002

 FFF6FF

 000000

 EB0056

 EB1765

 EB2F74

 EB4783

 EB5E92

 EB76A1

 EB8DAF

 EBA4BE

 EBBCCD

 EBD3DC

Harmonies

Analogous

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



DE149A



EB0056



D7420E

Triad

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



EB0056



008B00



0088FD

Complementary

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



EB0056



00EB95

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.



0091D9



EB0056



009153

Square

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



EB0056



6F7F00



00939B



0073FD

Rectangle

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



EB0056



BB5D00



00939B



008CF5

Sweetspot

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



EB0056



FFB3CE



9500EB



805262



000000



808080

Same Dimension

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



EB0056



FF005D



EB1F00



756A6E



B50042



360014

Inverse Universe

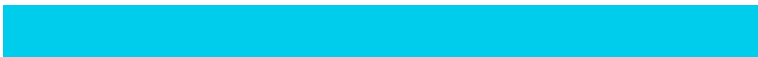
The Inverse Universe completely reimagines the original color for something new.



EB0056



FF005D



00CCEB



756A6E



B50042



360014

Previews

White Background



This preview shows how the Hex color EB0056 looks on a white background.

Color Contrast Check

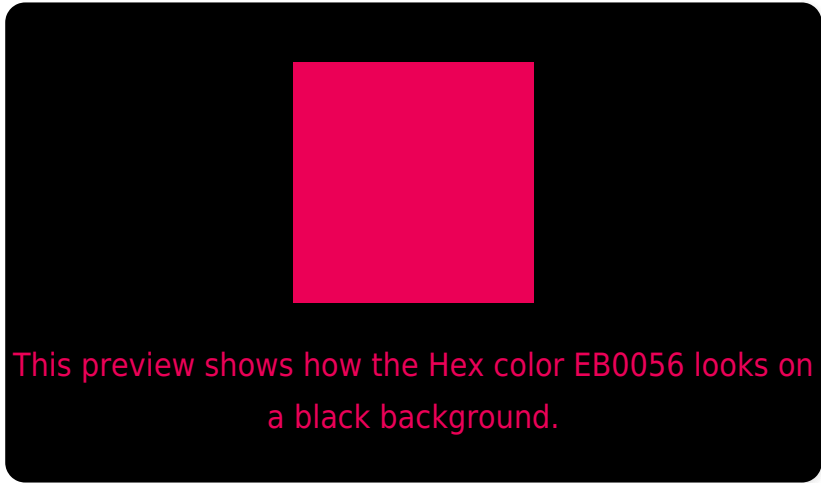
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 EB0056 Background



This preview shows how black text looks on a background with the Hex color EB0056.

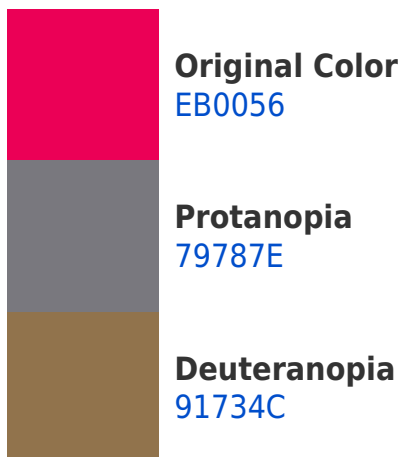


This preview shows how white text looks on a background with the Hex color EB0056.

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
E92320

Trichromacy



Original Color
EB0056



Protanomaly
A24C6F



Deuteranomaly
B24950



Tritanomaly
EA1634

Monochromacy



Original Color
EB0056



Achromatopsia
505050



Achromatomaly
883352

CSS Examples

Text

The CSS property to change the color of the text to Hex EB0056 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 #EB0056 looks like.

```
.text, #text, p{  
    color:#EB0056  
}
```

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 #EB0056 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB0056
}
```

Border

The CSS property to change the border of an element to Hex EB0056 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
#EB0056 }
```

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

```
.border{ border-color:#EB0056 }
```

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

Here you see how a box with a 4 pixel #EB0056 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB0056; -webkit-box-shadow:4px 4px  
4px 4px #EB0056; box-shadow:4px 4px 4px  
4px #EB0056 }
```

Background

The CSS property to change the background color of an element to Hex EB0056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB0056 }
```

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

```
.background{ background-color:#EB0056 }
```

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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