

Converting Colors

Hex(EB0041)

Have a look what the booklet for
Hex(EB0041) contains.

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Color

Hex(EB0041)

Conversions

Conversions Part 1

Format	Color
Hex	EB0041
RGB	235, 0, 65
RGB Percent	92%, 0%, 25%
CMY	0.0784, 1.0000, 0.7451
CMYK	0.00, 1.00, 0.72, 0.08
HSL	343°, 100%, 46%
HSV	343°, 100%, 92%
XYZ	35.2151, 18.0438, 6.6278
YIQ	77.6750, 119.1950, 70.0350

Conversions

Conversions Part 2

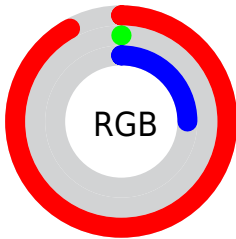
Format	Color
RYB	235, 0, 65
Decimal	15401025
CIELab	49.55, 76.58, 34.34
CIELCh	50, 83.923, 24.155
Yxy	18.0438, 0.5880, 0.3013
Android (android.graphics.Color)	4293591105 (0xFFEB0041)
YUV	77.6750, -6.2488, 137.9740
Hunter-Lab	42.4780, 73.6434, 20.4837

Details

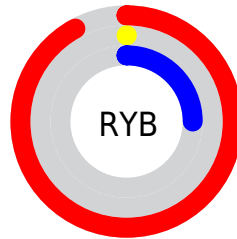
The Hex color **EB0041** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **00EBAA**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **FF5D71**, and **AA0017** is the 20% darker color. If you saturate the color by 10%, you get **EB0041**, and if you desaturate by 10%, it is **EB1752**.

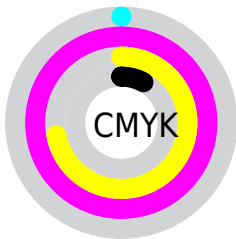
Distribution



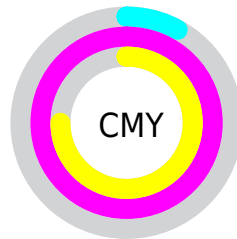
- Red (92%)
- Green (0%)
- Blue (25%)



- Red (92%)
- Yellow (0%)
- Blue (25%)



- Cyan (0%)
- Magenta (100%)
- Yellow (72%)
- Black (8%)



- Cyan (8%)
- Magenta (100%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB0041 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 EB0041 by changing the saturation by 10% instead.

 EB0041

 EB0041

FFFFFF

 CA002B

 FF5D71

 AA0017

 FF7C8A

 8A0000

 FF9AA4

 6A0002

 FFB8BF

 4C0004

 FFD6DB

 2C0001

 FFF5F8

 000000

 EB0041

 EB1752

 EB2F63

 EB4774

 EB5E85

 EB7696

 EB8DA7

 EBA4B8

 EBBCC9

 EBD3DA

Harmonies

Analogous

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



E80087



EB0041



CE4B00

Triad

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



EB0041



008D0F



0084FF

Complementary

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



EB0041



00EBAA

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.



0090EA



EB0041



009265

Square

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



EB0041



578300



0093AF



3B69FA

Rectangle

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



EB0041



AE6400



0093AF



0089FF

Sweetspot

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



EB0041



FFB3C8



A800EB



80525E



000000



808080

Same Dimension

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



EB0041



FF0047



EB3300



756A6D



B50032



36000F

Inverse Universe

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



EB0041



FF0047



00B8EB



756A6D



B50032



36000F

Previews

White Background



This preview shows how the Hex color EB0041 looks on a white background.

Color Contrast Check

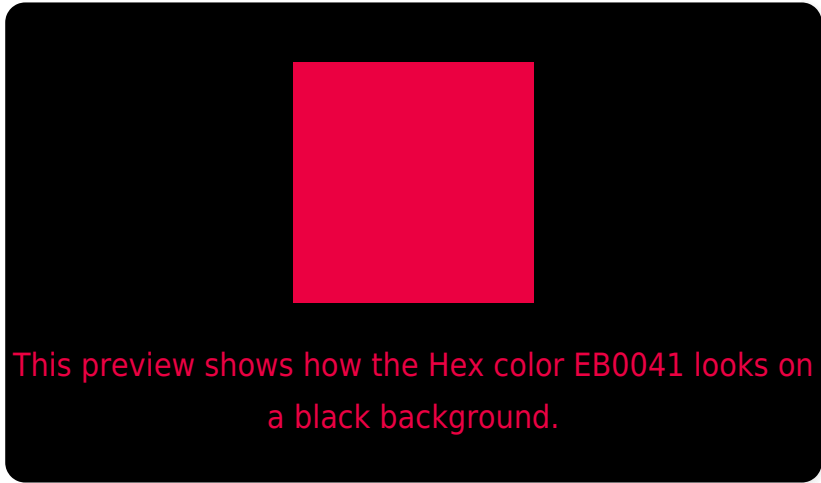
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB0041 Background



This preview shows how black text looks on a background with the Hex color EB0041.



This preview shows how white text looks on a background with the Hex color EB0041.

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



Original Color
EB0041

Protanopia
7F7761

Deuteranopia
947235



Tritanopia
EA1B14

Trichromacy



Original Color
EB0041



Protanomaly
A64C55



Deuteranomaly
B44939



Tritanomaly
EA1124

Monochromacy



Original Color
EB0041



Achromatopsia
4E4E4E



Achromatomaly
873249

CSS Examples

Text

The CSS property to change the color of the text to Hex EB0041 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 #EB0041 looks like.

```
.text, #text, p{  
    color:#EB0041  
}
```

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 #EB0041 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB0041
}
```

Border

The CSS property to change the border of an element to Hex EB0041 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
#EB0041 }
```

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

```
.border{ border-color:#EB0041 }
```

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

Here you see how a box with a 4 pixel #EB0041 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB0041; -webkit-box-shadow:4px 4px  
4px 4px #EB0041; box-shadow:4px 4px 4px  
4px #EB0041 }
```

Background

The CSS property to change the background color of an element to Hex EB0041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB0041 }
```

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

```
.background{ background-color:#EB0041 }
```

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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