

Converting Colors

Hex(E0017B)

Have a look what the booklet for
Hex(E0017B) contains.

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Color

Hex(E0017B)

Conversions

Conversions Part 1

Format	Color
Hex	E0017B
RGB	224, 1, 123
RGB Percent	88%, 0%, 48%
CMY	0.1216, 0.9961, 0.5176
CMYK	0.00, 1.00, 0.45, 0.12
HSL	327°, 99%, 44%
HSV	327°, 100%, 88%
XYZ	34.3265, 17.2991, 20.2687
YIQ	81.5850, 93.7460, 85.2180

Conversions

Conversions Part 2

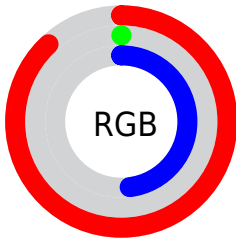
Format	Color
RYB	224, 1, 123
Decimal	14680443
CIELab	48.63, 77.47, -2.76
CIELCh	49, 77.520, 357.962
Yxy	17.2991, 0.4775, 0.2406
Android (android.graphics.Color)	4292870523 (0xFFE0017B)
YUV	81.5850, 20.4176, 124.8980
Hunter-Lab	41.5921, 74.5319, 0.2212

Details

The Hex color **E0017B** 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 **01E066**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **FF5DAF**, and **A2004B** is the 20% darker color. If you saturate the color by 10%, you get **E0007B**, and if you desaturate by 10%, it is **E01785**.

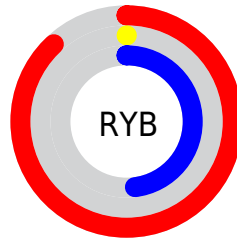
Distribution



Red (88%)

Green (0%)

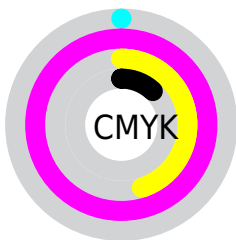
Blue (48%)



Red (88%)

Yellow (0%)

Blue (48%)

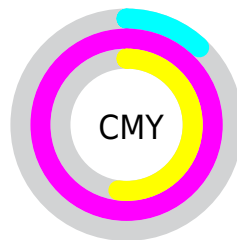


Cyan (0%)

Magenta (100%)

Yellow (45%)

Black (12%)



Cyan (12%)

Magenta (100%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color E0017B 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 E0017B by changing the saturation by 10% instead.

 E0017B

 E0017B

FFFFFF

 C10062

 FF5DAF

 A2004B

 FF7CCB

 840034

 FF9AE7

 66001F

 FFB8FF

 4A0005

 FFD6FF

 290001

 FFF5FF

 000000

 E0017B

 E0017B

 E0007B

 E01785

 E02E8F

 E04499

 E05BA4

 E071AE

 E087B8

 E09EC2

 E0B4CC

 E0CBD6

Harmonies

Analogous

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



BB3BBA



E0017B



DF253B

Triad

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



E0017B



4F8100



008BE3

Complementary

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



E0017B



01E066

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.



008FB0



E0017B



008A25

Square

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



E0017B



907000



008E6D



007EF9

Rectangle

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



E0017B



CD4508



008E6D



008DD5

Sweetspot

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



E0017B



FFB3DC



6501E0



80526B



000000



808080

Same Dimension

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



E0017B



FF008C



E0010C



70656B



B00060



30001B

Inverse Universe

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



E0017B



FF008C



01E0D5



70656B



B00060



30001B

Previews

White Background



This preview shows how the Hex color E0017B looks on a white background.

Color Contrast Check

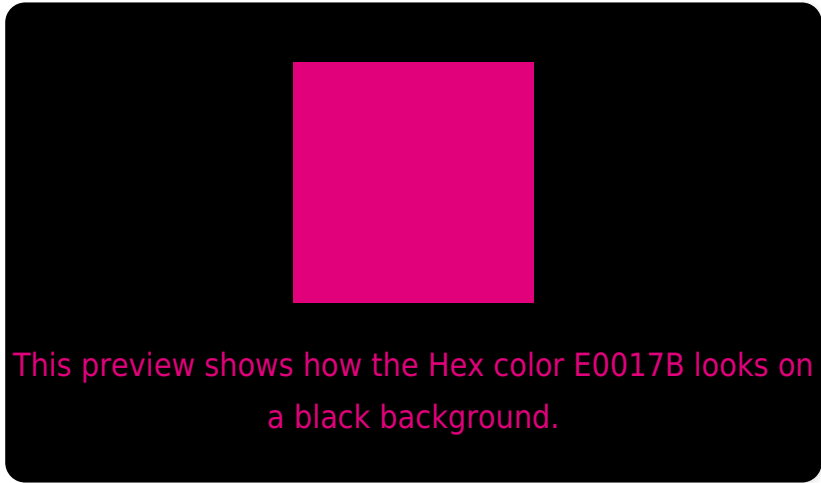
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex E0017B Background



This preview shows how black text looks on a background with the Hex color E0017B.



This preview shows how white text looks on a background with the Hex color E0017B.

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
E0017B



Protanomaly
8F4A9D



Deuteranomaly
A44875



Tritanomaly
DD204D

Monochromacy



Original Color
E0017B



Achromatopsia
525252



Achromatomaly
863561

CSS Examples

Text

The CSS property to change the color of the text to Hex E0017B 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 #E0017B looks like.

```
.text, #text, p{  
    color:#E0017B  
}
```

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 #E0017B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0017B
}
```

Border

The CSS property to change the border of an element to Hex E0017B 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
#E0017B }
```

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

```
.border{ border-color:#E0017B }
```

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

Here you see how a box with a 4 pixel #E0017B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0017B; -webkit-box-shadow:4px 4px  
4px 4px #E0017B; box-shadow:4px 4px 4px  
4px #E0017B }
```

Background

The CSS property to change the background color of an element to Hex E0017B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0017B }
```

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

```
.background{ background-color:#E0017B }
```

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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