

# Converting Colors

Hex(E00070)

Have a look what the booklet for  
Hex(E00070) contains.

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**Color**

**Hex(E00070)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E00070
RGB	224, 0, 112
RGB Percent	88%, 0%, 44%
CMY	0.1216, 1.0000, 0.5608
CMYK	0.00, 1.00, 0.50, 0.12
HSL	330°, 100%, 44%
HSV	330°, 100%, 88%
XYZ	33.6651, 17.0171, 16.8395
YIQ	79.7440, 97.5520, 82.3200

# Conversions

## Conversions Part 2

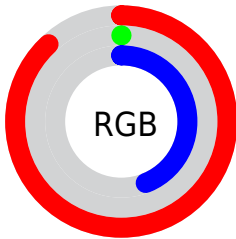
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 0, 112
Decimal	14680176
CIE <sub>Lab</sub>	48.28, 76.69, 3.48
CIE <sub>LCh</sub>	48, 76.770, 2.595
Yxy	17.0171, 0.4986, 0.2520
Android (android.graphics.Color)	4292870256 (0xFFE00070)
YUV	79.7440, 15.9022, 126.5125
Hunter-Lab	41.2518, 73.4808, 4.6734

# Details

The Hex color **E00070** 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 **00E070**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **FF5CA3**, and **A20041** is the 20% darker color. If you saturate the color by 10%, you get **E00070**, and if you desaturate by 10%, it is **E0167B**.

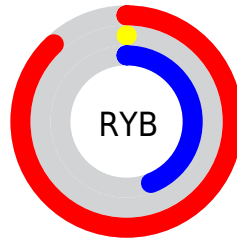
# Distribution



Red (88%)

Green (0%)

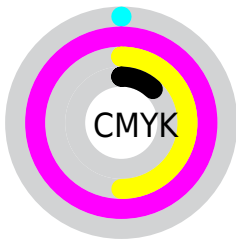
Blue (44%)



Red (88%)

Yellow (0%)

Blue (44%)

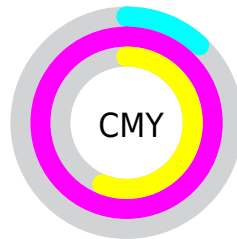


Cyan (0%)

Magenta (100%)

Yellow (50%)

Black (12%)



Cyan (12%)

Magenta (100%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E00070 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 E00070 by changing the saturation by 10% instead.



 E00070

 E00070

FFFFFF

 C10058

 FF5CA3

 A20041

 FF7BBE

 83002B

 FF99DA

 650017

 FFB7F7

 480004

 FFD5FF

 270001

 FFF4FF

 000000

 E00070

 E0167B

 E02D86

 E04392

 E05A9D

 E070A8

 E086B3

 E09DBE

 E0B3CA

 E0CAD5

# Harmonies

## Analogous

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



C233B0



E00070



DA2E31

# Triad

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



E00070



428200



0088E7

# Complementary

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



E00070



00E070

# 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.



008EB7



E00070



008A31

# Square

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



E00070



877200



008D77



007AF6

# Rectangle

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



E00070



C64B00



008D77



008BDA



# Sweetspot

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



E00070



FFB3D9



7000E0



805269



000000



808080



# Same Dimension

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



E00070



FF0080



E00000



70656B



B00058



300018



# Inverse Universe

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



E00070



FF0080



00E0E0



70656B



B00058



300018



# Previews

## White Background



This preview shows how the Hex color E00070 looks on a white background.

## Color Contrast Check

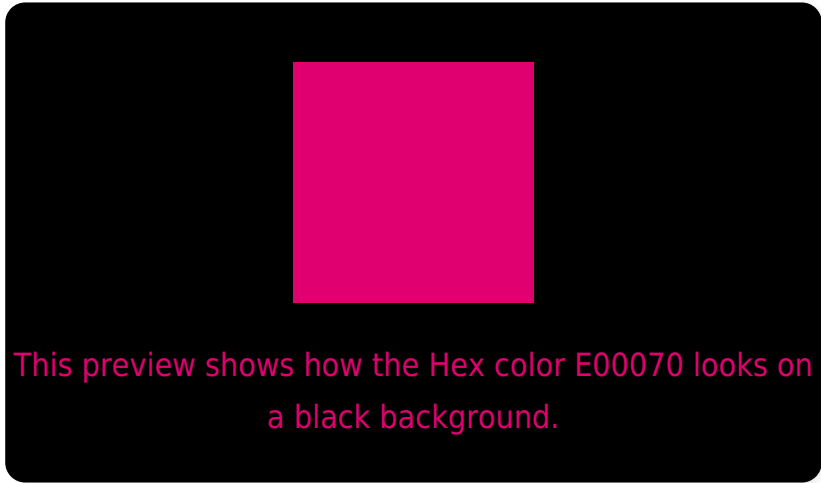
Large Text (above 18pt) WCAG AA ✓ Pass

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 E00070 Background



This preview shows how black text looks on a background with the Hex color E00070.



This preview shows how white text looks on a background with the Hex color E00070.

# 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**  
E00070



**Protanomaly**  
924990



**Deuteranomaly**  
A6476A

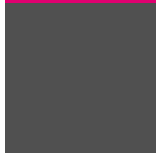


**Tritanomaly**  
DE1D45

# Monochromacy



**Original Color**  
E00070



**Achromatopsia**  
505050



**Achromatomaly**  
84335C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E00070 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 #E00070 looks like.

```
.text, #text, p{  
    color:#E00070  
}
```

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 #E00070 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E00070
}
```

## Border

The CSS property to change the border of an element to Hex E00070 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
#E00070 }
```

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

```
.border{ border-color:#E00070 }
```

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

Here you see how a box with a 4 pixel #E00070 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E00070; -webkit-box-shadow:4px 4px  
4px 4px #E00070; box-shadow:4px 4px 4px  
4px #E00070 }
```

# Background

The CSS property to change the background color of an element to Hex E00070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E00070 }
```

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

```
.background{ background-color:#E00070 }
```

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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