

Converting Colors

Hex(E50047)

Have a look what the booklet for
Hex(E50047) contains.

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Color

Hex(E50047)

Conversions

Conversions Part 1

Format	Color
Hex	E50047
RGB	229, 0, 71
RGB Percent	90%, 0%, 28%
CMY	0.1020, 1.0000, 0.7216
CMYK	0.00, 1.00, 0.69, 0.10
HSL	341°, 100%, 45%
HSV	341°, 100%, 90%
XYZ	33.4504, 17.1129, 7.5013
YIQ	76.5650, 113.6930, 70.6290

Conversions

Conversions Part 2

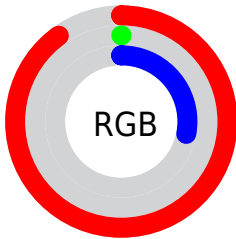
Format	Color
R_{YB}	229, 0, 71
Decimal	15007815
CIE Lab	48.40, 75.42, 29.05
CIE LCh	48, 80.819, 21.065
Yxy	17.1129, 0.5761, 0.2947
Android (android.graphics.Color)	4293197895 (0xFFE50047)
YUV	76.5650, -2.7435, 133.6855
Hunter-Lab	41.3678, 71.9433, 18.2062

Details

The Hex color **E50047** 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 **00E59E**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **FF5C77**, and **A5001D** is the 20% darker color. If you saturate the color by 10%, you get **E50047**, and if you desaturate by 10%, it is **E51757**.

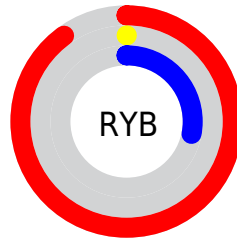
Distribution



Red (90%)

Green (0%)

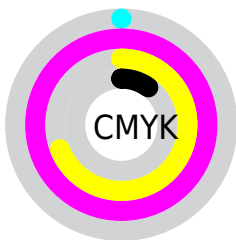
Blue (28%)



Red (90%)

Yellow (0%)

Blue (28%)

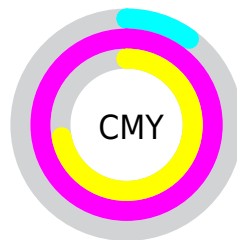


Cyan (0%)

Magenta (100%)

Yellow (69%)

Black (10%)



Cyan (10%)

Magenta (100%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color E50047 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 E50047 by changing the saturation by 10% instead.

 E50047

 E50047

FFFFFF

 C50031

 FF5C77

 A5001D

 FF7B91

 850005

 FF99AB

 650002

 FFB7C6

 480004

 FFD5E2

 270001

 FFF3FF

 000000

 E50047

 E51757

 E52E67

 E54576

 E55C86

 E57396

 E589A6

 E5A0B6

 E5B7C5

 E5CED5

Harmonies

Analogous

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



DE008A



E50047



CC4600

Triad

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



E50047



008902



0082FC

Complementary

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



E50047



00E59E

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.



008DDD



E50047



008E5B

Square

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



E50047



5E7E00



008FA3



156AF5

Rectangle

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



E50047



AE5F00



008FA3



0087F6

Sweetspot

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



E50047



FFB3CA



9C00E5



805260



000000



808080

Same Dimension

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



E50047



FF004F



E52A00



73676B



B30037



330010

Inverse Universe

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



E50047



FF004F



00BBE5



73676B



B30037



330010

Previews

White Background



This preview shows how the Hex color E50047 looks on a white background.

Color Contrast Check

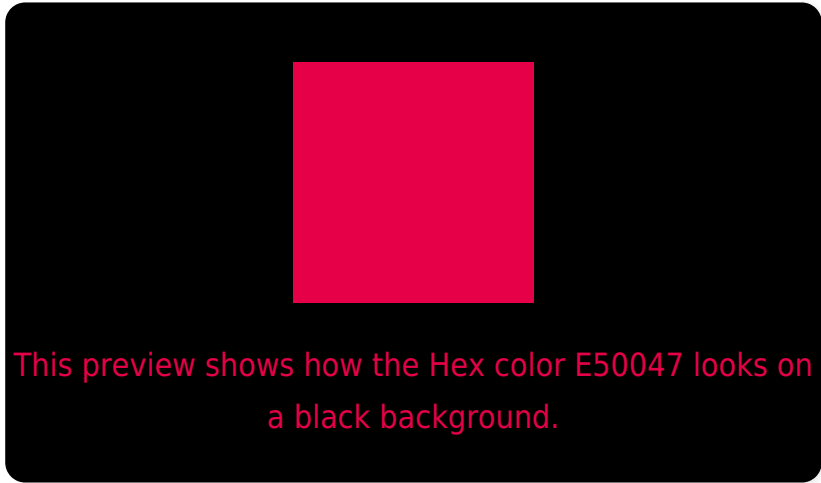
Large Text (above 18pt) WCAG AA ✓ Pass

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 E50047 Background



This preview shows how black text looks on a background with the Hex color E50047.

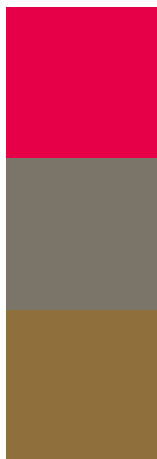


This preview shows how white text looks on a background with the Hex color E50047.

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
E50047

Protanopia
7A7469

Deuteranopia
8F6F3C



Tritanopia
E41D18

Trichromacy



Original Color
E50047



Protanomaly
A14A5D



Deuteranomaly
AE4740

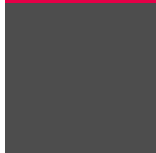


Tritanomaly
E41229

Monochromacy



Original Color
E50047



Achromatopsia
4D4D4D



Achromatomaly
84314B

CSS Examples

Text

The CSS property to change the color of the text to Hex E50047 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 #E50047 looks like.

```
.text, #text, p{  
    color:#E50047  
}
```

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 #E50047 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E50047
}
```

Border

The CSS property to change the border of an element to Hex E50047 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
#E50047 }
```

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

```
.border{ border-color:#E50047 }
```

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

Here you see how a box with a 4 pixel #E50047 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E50047; -webkit-box-shadow:4px 4px  
4px 4px #E50047; box-shadow:4px 4px 4px  
4px #E50047 }
```

Background

The CSS property to change the background color of an element to Hex E50047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E50047 }
```

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

```
.background{ background-color:#E50047 }
```

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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