

# Converting Colors

Hex(E50B47)

Have a look what the booklet for  
Hex(E50B47) contains.

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# Color

**Hex(E50B47)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E50B47
RGB	229, 11, 71
RGB Percent	90%, 4%, 28%
CMY	0.1020, 0.9569, 0.7216
CMYK	0.00, 0.95, 0.69, 0.10
HSL	343°, 91%, 47%
HSV	343°, 95%, 90%
XYZ	33.5701, 17.3523, 7.5412
YIQ	83.0220, 110.6680, 64.8760

# Conversions

## Conversions Part 2

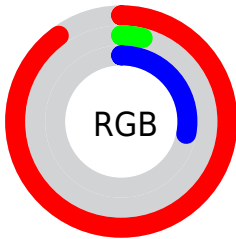
Format	Color
<a href="#">RYB</a>	<a href="#">229, 11, 71</a>
Decimal	<a href="#">15010631</a>
CIELab	<a href="#">48.70, 74.55, 29.42</a>
CIElCh	<a href="#">49, 80.145, 21.535</a>
Yxy	<a href="#">17.3523, 0.5742, 0.2968</a>
Android (android.graphics.Color)	<a href="#">4293200711 (0xFFE50B47)</a>
YUV	<a href="#">83.0220, -5.9268, 128.0227</a>
Hunter-Lab	<a href="#">41.6561, 70.9527, 18.4257</a>

# Details

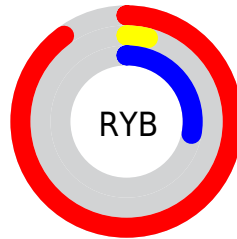
The Hex color **E50B47** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **0BE5A9**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **FF5E77**, and **A5001D** is the 20% darker color. If you saturate the color by 10%, you get **E5003F**, and if you desaturate by 10%, it is **E52258**.

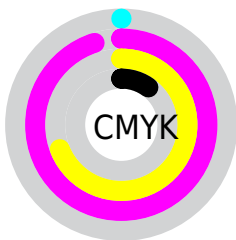
# Distribution



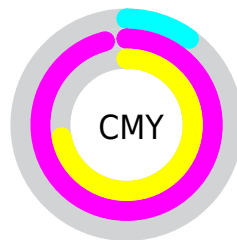
- Red (90%)
- Green (4%)
- Blue (28%)



- Red (90%)
- Yellow (4%)
- Blue (28%)



- Cyan (0%)
- Magenta (95%)
- Yellow (69%)
- Black (10%)



- Cyan (10%)
- Magenta (96%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E50B47 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 E50B47 by changing the saturation by 10% instead.



 E50B47

 E50B47

FFFFFF

 C50031

 FF5E77

 A5001D

 FF7D91

 850005

 FF9BAB

 650002

 FFB9C6

 480004

 FFD7E2

 270001

 FFF5FF

 000000

 E50B47

 E50B47

 E5003F

 E52258

 E53968

 E55079

 E56789

 E57E9A

 E594AB

 E5ABBB

 E5C2CC

 E5D9DC

# Harmonies

## Analogous

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



DF008A



E50B47



CC4800

# Triad

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



E50B47



008A09



0082FC

# Complementary

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



E50B47



0BE5A9

# 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.



008DDE



E50B47



008E5E

# Square

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



E50B47



5E7F00



0090A4



246BF4

# Rectangle

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



E50B47



AE6000



0090A4



0087F6



# Sweetspot

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



E50B47



FFB5C9



A70BE5



80535F



000000



808080



# Same Dimension

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



E50B47



FF0046



E53A0B



73676A



B30031



33000E



# Inverse Universe

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



E50B47



FF0046



0BB6E5



73676A



B30031



33000E



# Previews

## White Background



This preview shows how the Hex color E50B47 looks on a white background.

## Color Contrast Check

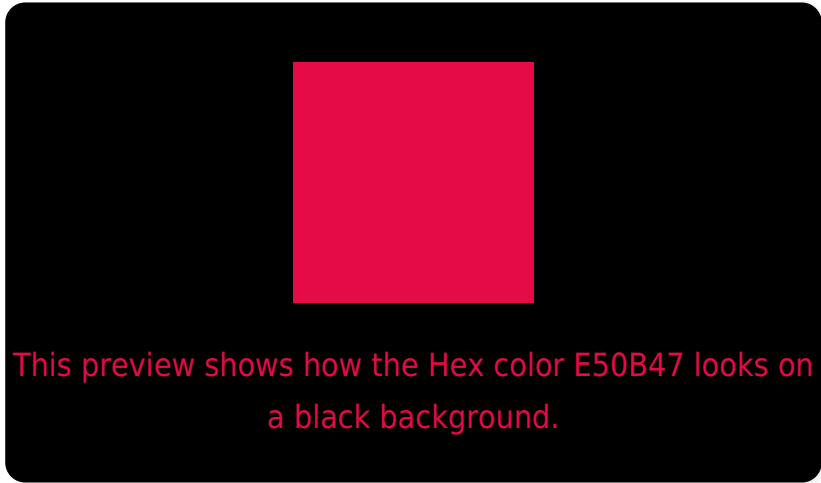
Large Text (above 18pt) WCAG AA ✓ Pass

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 E50B47 Background



This preview shows how black text looks on a background with the Hex color E50B47.

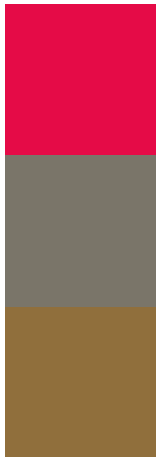


This preview shows how white text looks on a background with the Hex color E50B47.

# 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**  
E50B47

**Protanopia**  
7A7569

**Deuteranopia**  
906F3C



**Tritanopia**  
E41E1A

# Trichromacy



**Original Color**  
E50B47



**Protanomaly**  
A14E5D



**Deuteranomaly**  
AF4B40



**Tritanomaly**  
E4172A

# Monochromacy



**Original Color**  
E50B47



**Achromatopsia**  
535353



**Achromatomaly**  
88394F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E50B47 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 #E50B47 looks like.

```
.text, #text, p{  
    color:#E50B47  
}
```

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 #E50B47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E50B47
}
```

## Border

The CSS property to change the border of an element to Hex E50B47 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
#E50B47 }
```

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

```
.border{ border-color:#E50B47 }
```

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

Here you see how a box with a 4 pixel #E50B47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E50B47; -webkit-box-shadow:4px 4px  
4px 4px #E50B47; box-shadow:4px 4px 4px  
4px #E50B47 }
```

# Background

The CSS property to change the background color of an element to Hex E50B47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E50B47 }
```

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

```
.background{ background-color:#E50B47 }
```

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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