

# Converting Colors

Hex(E51037)

Have a look what the booklet for  
Hex(E51037) contains.

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**Color**

**Hex(E51037)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E51037
RGB	229, 16, 55
RGB Percent	90%, 6%, 22%
CMY	0.1020, 0.9373, 0.7843
CMYK	0.00, 0.93, 0.76, 0.10
HSL	349°, 87%, 48%
HSV	349°, 93%, 90%
XYZ	33.1880, 17.3044, 5.2053
YIQ	84.1330, 114.4290, 57.2850

# Conversions

## Conversions Part 2

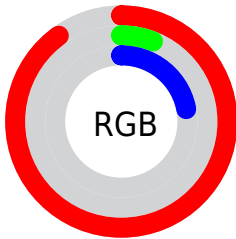
Format	Color
R <sub>Y</sub> B	229, 16, 55
Decimal	15011895
CIE Lab	48.64, 73.46, 38.86
CIE LCh	49, 83.108, 27.880
Yxy	17.3044, 0.5959, 0.3107
Android (android.graphics.Color)	4293201975 (0xFFE51037)
YUV	84.1330, -14.3626, 127.0484
Hunter-Lab	41.5986, 69.6124, 21.6999

# Details

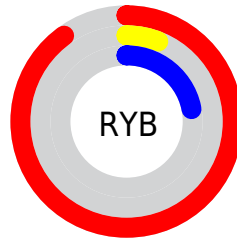
The Hex color **E51037** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **10E5BE**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF5F66**, and **A4000D** is the 20% darker color. If you saturate the color by 10%, you get **E5002A**, and if you desaturate by 10%, it is **E5274A**.

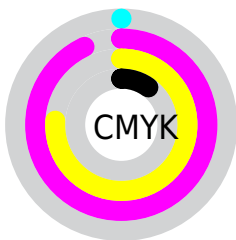
# Distribution



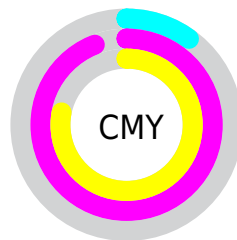
- Red (90%)
- Green (6%)
- Blue (22%)



- Red (90%)
- Yellow (6%)
- Blue (22%)



- Cyan (0%)
- Magenta (93%)
- Yellow (76%)
- Black (10%)



- Cyan (10%)
- Magenta (94%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E51037 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 E51037 by changing the saturation by 10% instead.



 E51037

 E51037

FFFFFF

 C40021

 FF5F66

 A4000D

 FF7E7F

 840000

 FF9B99

 640002

 FFB9B4

 470004

 FFD7D0

 260001

 FFF5EC

 000000

 E51037

 E51037

 E5002A

 E5274A

 E53E5C

 E5556F

 E56C82

 E58395

 E599A7

 E5B0BA

 E5C7CD

 E5DEDF

# Harmonies

## Analogous

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



E7007C



E51037



C54E00

# Triad

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



E51037



008B1D



007FFF

# Complementary

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



E51037



10E5BE

# 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.



008CEC



E51037



008F6C

# Square

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



E51037



4B8200



0090B4



5663F2

# Rectangle

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



E51037



A46600



0090B4



0085FF



# Sweetspot

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



E51037



FFB8C5



BE10E5



80545C



000000



808080



# Same Dimension

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



E51037



FF002F



E55310



736769



B30021



330009



# Inverse Universe

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



E51037



FF002F



10A2E5



736769



B30021



330009



# Previews

## White Background



This preview shows how the Hex color E51037 looks on a white background.

## Color Contrast Check

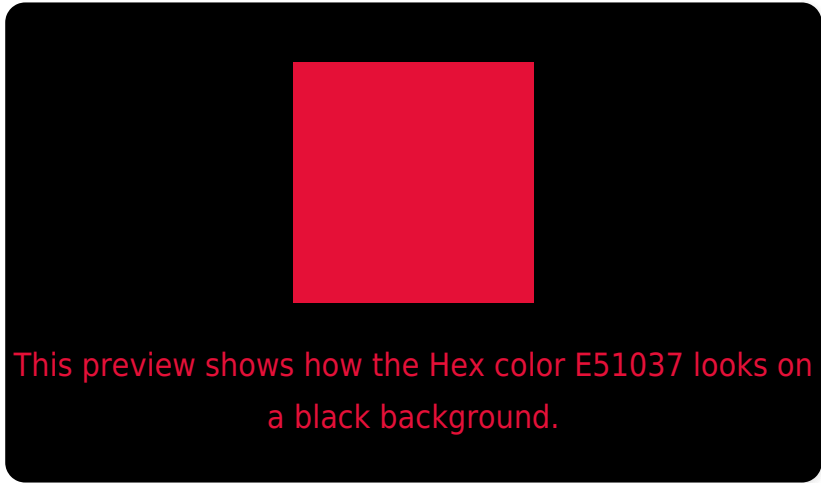
Large Text (above 18pt) WCAG AA ✓ Pass

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 E51037 Background



This preview shows how black text looks on a background with the Hex color E51037.



This preview shows how white text looks on a background with the Hex color E51037.

# 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**  
E51037

**Protanopia**  
7E7553

**Deuteranopia**  
926F2A



**Tritanopia**  
E41B14

# Trichromacy



**Original Color**  
E51037



**Protanomaly**  
A35049



**Deuteranomaly**  
B04C2F



**Tritanomaly**  
E41721

# Monochromacy



**Original Color**  
E51037



**Achromatopsia**  
545454



**Achromatomaly**  
893B49

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E51037 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 #E51037 looks like.

```
.text, #text, p{  
    color:#E51037  
}
```

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 #E51037 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E51037
}
```

## Border

The CSS property to change the border of an element to Hex E51037 is called "border". The border property can be set on classes, ids or directly on the HTML element.

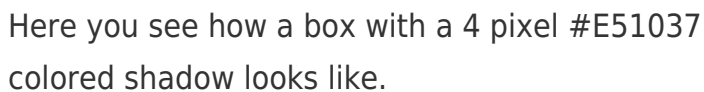
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E51037 }
```

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

```
.border{ border-color:#E51037 }
```

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



Here you see how a box with a 4 pixel `#E51037` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E51037; -webkit-box-shadow:4px 4px  
4px 4px #E51037; box-shadow:4px 4px 4px  
4px #E51037 }
```

# Background

The CSS property to change the background color of an element to Hex E51037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E51037 }
```

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

```
.background{ background-color:#E51037 }
```

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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