

# Converting Colors

Hex(E51A54)

Have a look what the booklet for  
Hex(E51A54) contains.

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# Color

**Hex(E51A54)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E51A54
RGB	229, 26, 84
RGB Percent	90%, 10%, 33%
CMY	0.1020, 0.8980, 0.6706
CMYK	0.00, 0.89, 0.63, 0.10
HSL	343°, 80%, 50%
HSV	343°, 89%, 90%
XYZ	34.2827, 18.0369, 10.0621
YIQ	93.3090, 102.3700, 61.0740

# Conversions

## Conversions Part 2

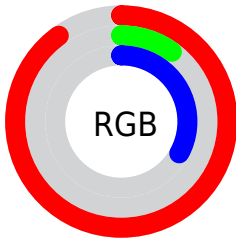
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	229, 26, 84
Decimal	15014484
CIE Lab	49.54, 73.41, 22.58
CIE LCh	50, 76.808, 17.096
Yxy	18.0369, 0.5496, 0.2891
Android (android.graphics.Color)	4293204564 (0xFFE51A54)
YUV	93.3090, -4.5893, 119.0010
Hunter-Lab	42.4699, 69.7673, 15.6818

# Details

The Hex color **E51A54** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **1AE5AB**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FF6485**, and **A50028** is the 20% darker color. If you saturate the color by 10%, you get **E50344**, and if you desaturate by 10%, it is **E53164**.

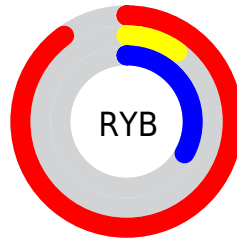
# Distribution



Red (90%)

Green (10%)

Blue (33%)



Red (90%)

Yellow (10%)

Blue (33%)

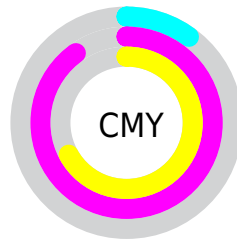


Cyan (0%)

Magenta (89%)

Yellow (63%)

Black (10%)



Cyan (10%)

Magenta (90%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E51A54 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 E51A54 by changing the saturation by 10% instead.



 E51A54

 E51A54

FFFFFF

 C5003D

 FF6485

 A50028

 FF829F

 860015

 FFA0BA

 670001

 FFBDD6

 4A0004

 FFDBF2

 290001

 FFF9FF

 000000

 E51A54

 E51A54

 E50344

 E53164

 E50041

 E54875

 E55F85

 E57695

 E58CA6

 E5A3B6

 E5BAC7

 E5D1D7

 E5E8E7

# Harmonies

## Analogous

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



DA2095



E51A54



D14710

# Triad

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



E51A54



008A01



0086F6

# Complementary

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



E51A54



1AE5AB

# 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.



008FD5



E51A54



009056

# Square

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



E51A54



6C7E00



00919B



0071F4

# Rectangle

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



E51A54



B65F00



00919B



008AEF



# Sweetspot

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



E51A54



FFBACE



A81AE5



805762



000000



808080



# Same Dimension

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



E51A54



FF0049



E5431A



73676B



B30033



33000F



# Inverse Universe

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



E51A54



FF0049



1ABCE5



73676B



B30033



33000F



# Previews

## White Background



This preview shows how the Hex color E51A54 looks on a white background.

## Color Contrast Check

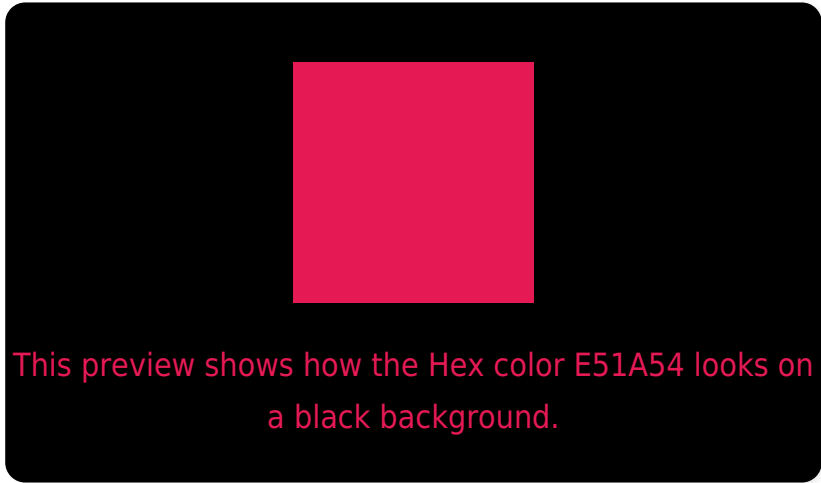
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex E51A54 Background



This preview shows how black text looks on a background with the Hex color E51A54.



This preview shows how white text looks on a background with the Hex color E51A54.

# 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**  
E51A54

**Protanopia**  
787679

**Deuteranopia**  
8F714A



**Tritanopia**  
E32827

# Trichromacy



**Original Color**  
E51A54



**Protanomaly**  
A0556C



**Deuteranomaly**  
AE514E

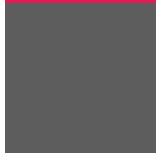


**Tritanomaly**  
E42337

# Monochromacy



**Original Color**  
E51A54



**Achromatopsia**  
5D5D5D



**Achromatomaly**  
8E455A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E51A54 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 #E51A54 looks like.

```
.text, #text, p{  
  color:#E51A54  
}
```

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 #E51A54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E51A54
}
```

## Border

The CSS property to change the border of an element to Hex E51A54 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
#E51A54 }
```

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

```
.border{ border-color:#E51A54 }
```

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

Here you see how a box with a 4 pixel #E51A54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E51A54; -webkit-box-shadow:4px 4px  
4px 4px #E51A54; box-shadow:4px 4px 4px  
4px #E51A54 }
```

# Background

The CSS property to change the background color of an element to Hex E51A54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E51A54 }
```

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

```
.background{ background-color:#E51A54 }
```

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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