

# Converting Colors

Hex(E01F63)

Have a look what the booklet for  
Hex(E01F63) contains.

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# Color

**Hex(E01F63)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E01F63
RGB	224, 31, 99
RGB Percent	88%, 12%, 39%
CMY	0.1216, 0.8784, 0.6118
CMYK	0.00, 0.86, 0.56, 0.12
HSL	339°, 76%, 50%
HSV	339°, 86%, 88%
XYZ	33.4826, 17.7281, 13.4615
YIQ	96.4590, 93.2000, 62.0640

# Conversions

## Conversions Part 2

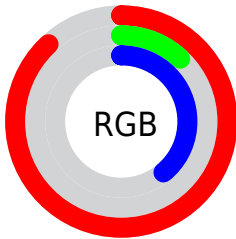
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 31, 99
Decimal	14688099
CIE <sub>Lab</sub>	49.16, 72.24, 12.72
CIE <sub>LCh</sub>	49, 73.355, 9.985
Yxy	17.7281, 0.5177, 0.2741
Android (android.graphics.Color)	4292878179 (0xFFE01F63)
YUV	96.4590, 1.2527, 111.8535
Hunter-Lab	42.1048, 68.2635, 10.5174

# Details

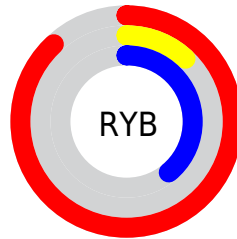
The Hex color **E01F63** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **1FE09C**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FF6595**, and **A20035** is the 20% darker color. If you saturate the color by 10%, you get **E00954**, and if you desaturate by 10%, it is **E03572**.

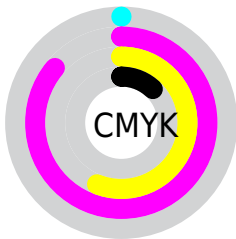
# Distribution



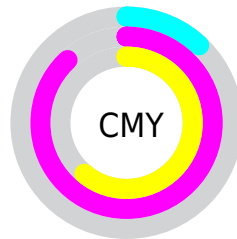
- Red (88%)
- Green (12%)
- Blue (39%)



- Red (88%)
- Yellow (12%)
- Blue (39%)



- Cyan (0%)
- Magenta (86%)
- Yellow (56%)
- Black (12%)



- Cyan (12%)
- Magenta (88%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E01F63 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 E01F63 by changing the saturation by 10% instead.



 E01F63

 E01F63

FFFFFF

 C1004B

 FF6595

 A20035

 FF83B0

 830021

 FFA1CB

 640009

 FFBEE7

 480004

 FFDCCF

 270001

 FFFAFF

 000000

 E01F63

 E01F63

 E00954

 E03572

 E0004F

 E04C80

 E0628F

 E0799D

 E08FAC

 E0A5BA

 E0BCC9

 E0D2D7

 E0E9E6

# Harmonies

## Analogous

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



CC32A1



E01F63



D34027

# Triad

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



E01F63



318600



0087EB

# Complementary

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



E01F63



1FE09C

# 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.



008EC4



E01F63



008D47

# Square

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



E01F63



7B7900



008F89



0076F1

# Rectangle

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



E01F63



BD5800



008F89



008AE1



# Sweetspot

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



E01F63



FFBDD4



991FE0



805866



000000



808080



# Same Dimension

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



E01F63



FF005A



E0391F



706569



B0003E



300011



# Inverse Universe

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



E01F63



FF005A



1FC6E0



706569



B0003E



300011



# Previews

## White Background



This preview shows how the Hex color E01F63 looks on a white background.

## Color Contrast Check

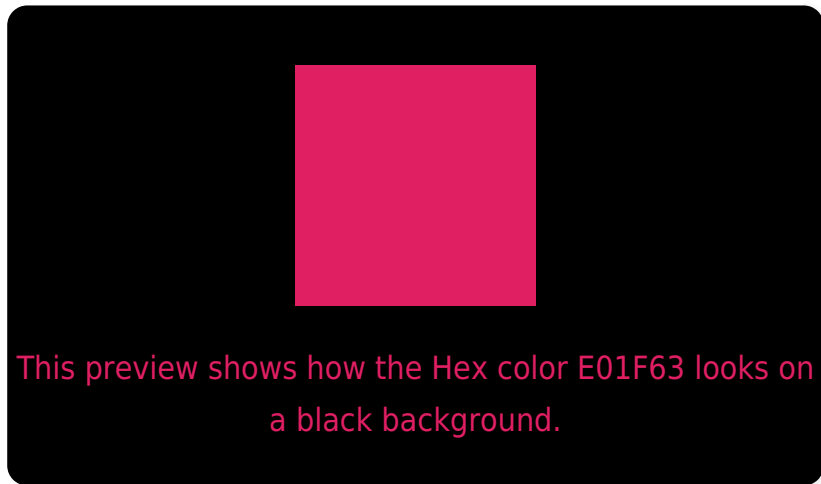
Large Text (above 18pt) WCAG AA ✓ Pass

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 E01F63 Background



This preview shows how black text looks on a background with the Hex color E01F63.

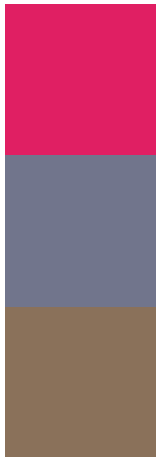


This preview shows how white text looks on a background with the Hex color E01F63.

# 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**  
E01F63

**Protanopia**  
71758C

**Deuteranopia**  
8A715A



# Trichromacy



**Original Color**  
E01F63



**Protanomaly**  
99567D



**Deuteranomaly**  
A9535D

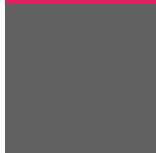


**Tritanomaly**  
DF2943

# Monochromacy



**Original Color**  
E01F63



**Achromatopsia**  
606060



**Achromatomaly**  
8F4861

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E01F63 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 #E01F63 looks like.

```
.text, #text, p{  
    color:#E01F63  
}
```

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 #E01F63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E01F63
}
```

## Border

The CSS property to change the border of an element to Hex E01F63 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
#E01F63 }
```

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

```
.border{ border-color:#E01F63 }
```

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

Here you see how a box with a 4 pixel #E01F63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E01F63; -webkit-box-shadow:4px 4px  
4px 4px #E01F63; box-shadow:4px 4px 4px  
4px #E01F63 }
```

# Background

The CSS property to change the background color of an element to Hex E01F63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E01F63 }
```

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

```
.background{ background-color:#E01F63 }
```

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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