

# Converting Colors

Hex(E63F4D)

Have a look what the booklet for  
Hex(E63F4D) contains.

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# Color

**Hex(E63F4D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E63F4D
RGB	230, 63, 77
RGB Percent	90%, 25%, 30%
CMY	0.0980, 0.7529, 0.6980
CMYK	0.00, 0.73, 0.67, 0.10
HSL	355°, 77%, 57%
HSV	355°, 73%, 90%
XYZ	35.7502, 20.9138, 9.1737
YIQ	114.5290, 95.0380, 39.7580

# Conversions

## Conversions Part 2

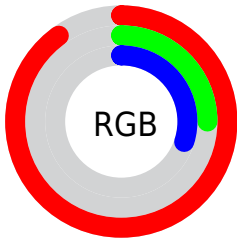
Format	Color
<a href="#">RYB</a>	<a href="#">230, 63, 77</a>
Decimal	<a href="#">15089485</a>
CIELab	<a href="#">52.86, 64.14, 31.04</a>
CIElCh	<a href="#">53, 71.251, 25.824</a>
Yxy	<a href="#">20.9138, 0.5430, 0.3177</a>
Android (android.graphics.Color)	<a href="#">4293279565 (0xFFE63F4D)</a>
YUV	<a href="#">114.5290, -18.5018, 101.2681</a>
Hunter-Lab	<a href="#">45.7316, 59.5100, 20.1187</a>

# Details

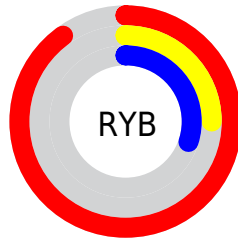
The Hex color **E63F4D** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **3FE6D8**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF7A7E**, and **A70021** is the 20% darker color. If you saturate the color by 10%, you get **E62838**, and if you desaturate by 10%, it is **E65662**.

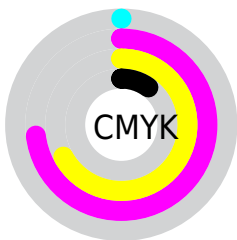
# Distribution



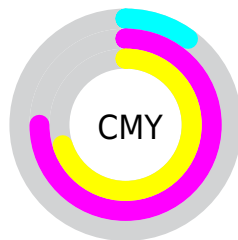
- Red (90%)
- Green (25%)
- Blue (30%)



- Red (90%)
- Yellow (25%)
- Blue (30%)



- Cyan (0%)
- Magenta (73%)
- Yellow (67%)
- Black (10%)



- Cyan (10%)
- Magenta (75%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E63F4D 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 E63F4D by changing the saturation by 10% instead.



 E63F4D

 E63F4D

FFFFFF

 C61A36

 FF7A7E

 A70021

 FF9798

 88000C

 FFB4B3

 690000

 FFD1CE

 4B0002

 FFE0EA

 2D0001

 000000

 E63F4D

 E63F4D

 E62838

 E65662

 E61123

 E66D77

 E60013

 E6848C

 E69BA1

 E6B2B6

 E6C9CB

 E6E0E1

 E6F7F6

 E6FFFF

# Harmonies

## Analogous

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



E43689



E63F4D



CC5E0E

# Triad

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



E63F4D



009433



0089F9

# Complementary

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



E63F4D



3FE6D8

# 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.



0095E3



E63F4D



009873

# Square

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



E63F4D



658A00



0099B2



6672EE

# Rectangle

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



E63F4D



B07100



0099B2



008EF6



# Sweetspot

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



E63F4D



FFC7CC



D53FE6



805E61



000000



808080



# Same Dimension

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



E63F4D



FF2134



E6823F



736768



B3000F



330004



# Inverse Universe

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



E63F4D



FF2134



3FA3E6



736768



B3000F



330004



# Previews

## White Background



This preview shows how the Hex color E63F4D looks on a white background.

## Color Contrast Check

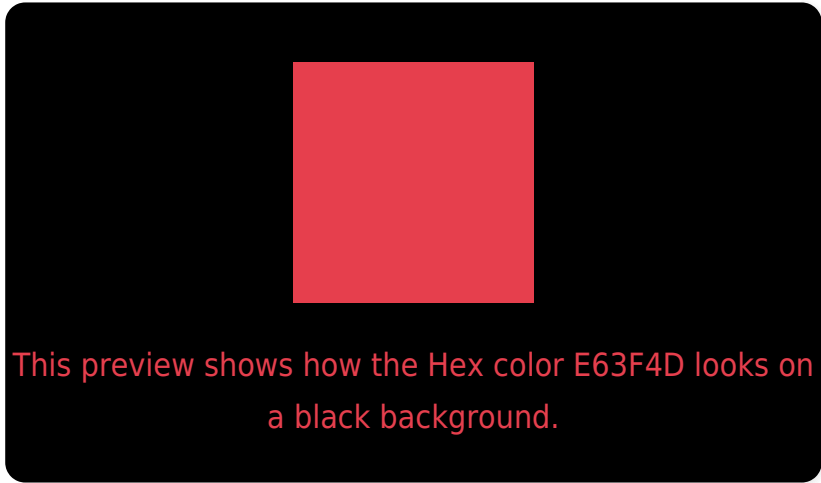
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 E63F4D Background



This preview shows how black text looks on a background with the Hex color E63F4D.



This preview shows how white text looks on a background with the Hex color E63F4D.

# 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**  
E63F4D

**Protanopia**  
867E66

**Deuteranopia**  
9B7944



**Tritanopia**  
E64143

# Trichromacy



**Original Color**  
E63F4D

**Protanomaly**  
A9675D

**Deuteranomaly**  
B66447

**Tritanomaly**  
E64047

# Monochromacy



**Original Color**  
E63F4D

**Achromatopsia**  
737373

**Achromatomaly**  
9D6065

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E63F4D 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 #E63F4D looks like.

```
.text, #text, p{  
    color:#E63F4D  
}
```

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 #E63F4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E63F4D
}
```

## Border

The CSS property to change the border of an element to Hex E63F4D 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
#E63F4D }
```

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

```
.border{ border-color:#E63F4D }
```

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

Here you see how a box with a 4 pixel #E63F4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E63F4D; -webkit-box-shadow:4px 4px  
4px 4px #E63F4D; box-shadow:4px 4px 4px  
4px #E63F4D }
```

# Background

The CSS property to change the background color of an element to Hex E63F4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E63F4D }
```

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

```
.background{ background-color:#E63F4D }
```

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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