

# Converting Colors

Hex(E04C5F)

Have a look what the booklet for  
Hex(E04C5F) contains.

<b>Hex(E04C5F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(E04C5F)

# Conversions

## Conversions Part 1

Format	Color
Hex	E04C5F
RGB	224, 76, 95
RGB Percent	88%, 30%, 37%
CMY	0.1216, 0.7020, 0.6275
CMYK	0.00, 0.66, 0.58, 0.12
HSL	352°, 70%, 59%
HSV	352°, 66%, 88%
XYZ	35.3905, 21.8424, 13.1772
YIQ	122.4180, 82.1090, 37.2850

# Conversions

## Conversions Part 2

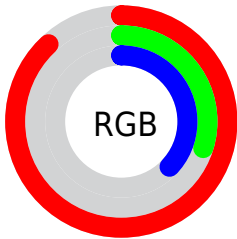
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 76, 95
Decimal	14699615
CIE <sub>Lab</sub>	53.86, 58.59, 21.52
CIE <sub>LCh</sub>	54, 62.419, 20.167
Yxy	21.8424, 0.5026, 0.3102
Android (android.graphics.Color)	4292889695 (0xFFE04C5F)
YUV	122.4180, -13.5171, 89.0874
Hunter-Lab	46.7359, 53.3804, 15.9983

# Details

The Hex color **E04C5F** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **4CE0CD**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF8491**, and **A30031** is the 20% darker color. If you saturate the color by 10%, you get **E0364B**, and if you desaturate by 10%, it is **E06273**.

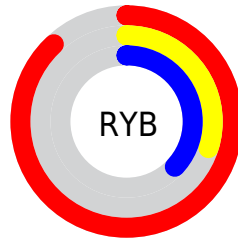
# Distribution



Red (88%)

Green (30%)

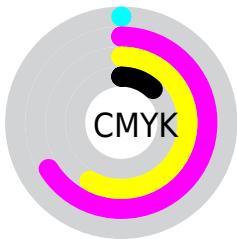
Blue (37%)



Red (88%)

Yellow (30%)

Blue (37%)

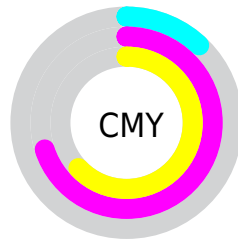


Cyan (0%)

Magenta (66%)

Yellow (58%)

Black (12%)



Cyan (12%)

Magenta (70%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E04C5F 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 E04C5F by changing the saturation by 10% instead.



 E04C5F

 E04C5F

FFFFFF

 C12E47

 FF8491

 A30031

 FFA1AC

 84001D

 FFBDC7

 670003

 FFDAE3

 490001

 FFF8FF

 2C0001

 000000

 E04C5F

 E04C5F

 E0364B

 E06273

 E01F38

 E07986

 E00924

 E08F9A

 E0001D

 E0A6AD

 E0BCC1

 E0D2D4

 E0E9E8

 E0FFFB

 E0FFFF

# Harmonies

## Analogous

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



D84B95



E04C5F



CE612E

# Triad

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



E04C5F



2F9336



008CEB

# Complementary

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



E04C5F



4CE0CD

# 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.



0096D3



E04C5F



00986D

# Square

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



E04C5F



788900



0099A4



5A7AE7

# Rectangle

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



E04C5F



B7710B



0099A4



0090E6



# Sweetspot

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



E04C5F



FFCCD3



CC4CE0



806165



000000



808080



# Same Dimension

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



E04C5F



FF364F



E0824C



706566



B00017



300006



# Inverse Universe

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



E04C5F



FF364F



4CAAE0



706566



B00017

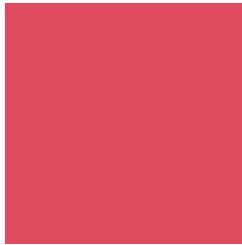


300006



# Previews

## White Background



This preview shows how the Hex color E04C5F looks on a white background.

## Color Contrast Check

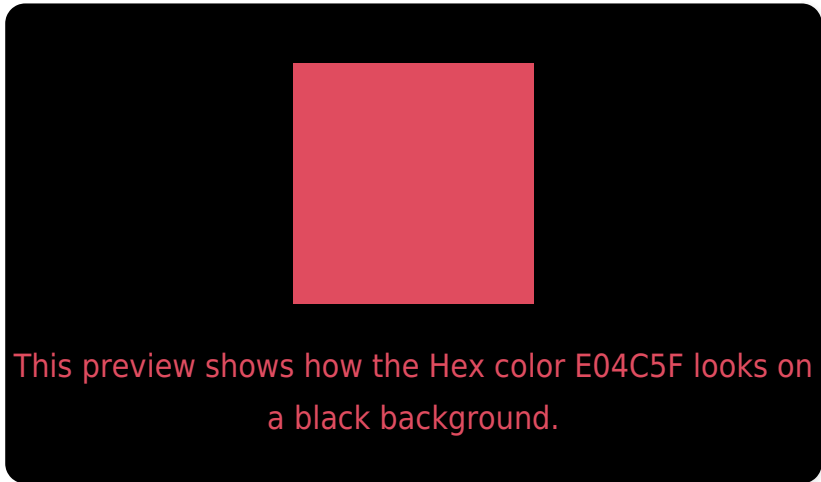
Large Text (above 18pt) WCAG AA ✓ Pass

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 E04C5F Background



This preview shows how black text looks on a background with the Hex color E04C5F.



This preview shows how white text looks on a background with the Hex color E04C5F.

# 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**  
E04C5F

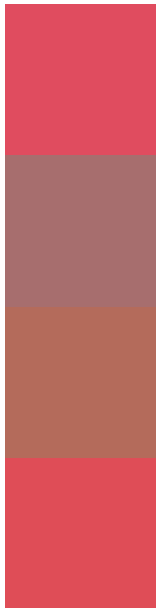
**Protanopia**  
868177

**Deuteranopia**  
9B7C58



**Tritanopia**  
DF4E53

# Trichromacy



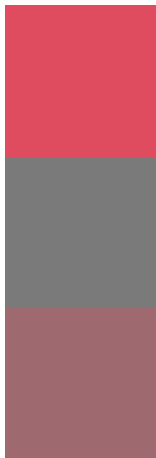
**Original Color**  
E04C5F

**Protanomaly**  
A76E6E

**Deuteranomaly**  
B46B5B

**Tritanomaly**  
DF4D57

# Monochromacy



**Original Color**  
E04C5F

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
9F6970

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E04C5F 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 #E04C5F looks like.

```
.text, #text, p{  
    color:#E04C5F  
}
```

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 #E04C5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E04C5F }  
}
```

## Border

The CSS property to change the border of an element to Hex E04C5F is called "border". The border property can be set on classes, ids or directly on the HTML element.

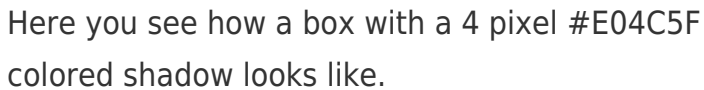
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #E04C5F }  
}
```

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

```
.border{ border-color:#E04C5F }
```

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



Here you see how a box with a 4 pixel `#E04C5F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E04C5F; -webkit-box-shadow:4px 4px  
4px 4px #E04C5F; box-shadow:4px 4px 4px  
4px #E04C5F }
```

# Background

The CSS property to change the background color of an element to Hex E04C5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E04C5F }
```

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

```
.background{ background-color:#E04C5F }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor