

Converting Colors

Hex(E64C4C)

Have a look what the booklet for
Hex(E64C4C) contains.

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Color

Hex(E64C4C)

Conversions

Conversions Part 1

Format	Color
Hex	E64C4C
RGB	230, 76, 76
RGB Percent	90%, 30%, 30%
CMY	0.0980, 0.7020, 0.7020
CMYK	0.00, 0.67, 0.67, 0.10
HSL	0°, 75%, 60%
HSV	0°, 67%, 90%
XYZ	36.5221, 22.5137, 9.2581
YIQ	122.0460, 91.7840, 32.6480

Conversions

Conversions Part 2

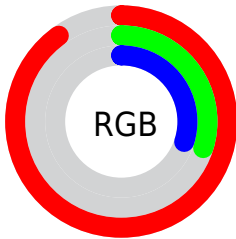
Format	Color
RYB	230, 76, 76
Decimal	15092812
CIELab	54.57, 59.33, 33.72
CIELCh	55, 68.246, 29.612
Yxy	22.5137, 0.5348, 0.3297
Android (android.graphics.Color)	4293282892 (0xFFE64C4C)
YUV	122.0460, -22.7007, 94.6757
Hunter-Lab	47.4486, 54.3598, 21.6454

Details

The Hex color **E64C4C** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **4CE6E6**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF857D**, and **A70020** is the 20% darker color. If you saturate the color by 10%, you get **E63535**, and if you desaturate by 10%, it is **E66363**.

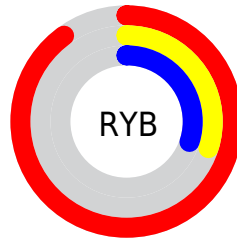
Distribution



Red (90%)

Green (30%)

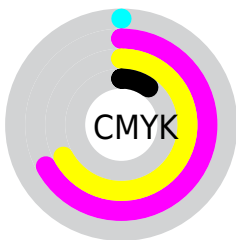
Blue (30%)



Red (90%)

Yellow (30%)

Blue (30%)

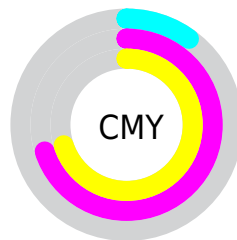


Cyan (0%)

Magenta (67%)

Yellow (67%)

Black (10%)



Cyan (10%)

Magenta (70%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color E64C4C 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 E64C4C by changing the saturation by 10% instead.

 E64C4C

 E64C4C

FFFFFF

 C62D35

 FF857D

 A70020

 FFA197

 88000A

 FFBE2

 6A0000

 FFDBCD

 4C0001

 FFF8EA

 2F0002

 000000

 E64C4C

 E64C4C

 E63535

 E66363

 E61E1E

 E67A7A

 E60707

 E69191

 E60000

 E6A8A8

 E6BFBF

 E6D6D6

 E6EDED

 E6FFFF

Harmonies

Analogous

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



E84186



E64C4C



CB6812

Triad

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



E64C4C



009943



008AF9

Complementary

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



E64C4C



4CE6E6

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.



0097E8



E64C4C



009D80

Square

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



E64C4C



639000



009DBC



7C73EA

Rectangle

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



E64C4C



AE7900



009DBC



0090F7

Sweetspot

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



E64C4C



FFCCCC



E64CE6



806161



000000



808080

Same Dimension

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



E64C4C



FF3333



E6994C



736767



B30000



330000

Inverse Universe

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



4CE6E6



33FFFF



4C99E6



677373



00B3B3



003333

Previews

White Background



This preview shows how the Hex color E64C4C looks on a white background.

Color Contrast Check

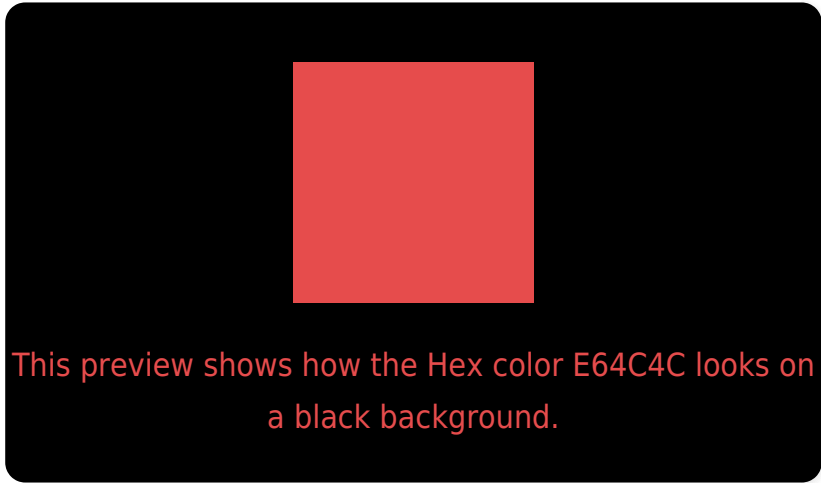
Large Text (above 18pt) WCAG AA ✓ Pass

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 E64C4C Background



This preview shows how black text looks on a background with the Hex color E64C4C.



This preview shows how white text looks on a background with the Hex color E64C4C.

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
E64C4C

Protanopia
8D8361

Deuteranopia
A17D44



Tritanopia
E64B50

Trichromacy



Original Color
E64C4C

Protanomaly
AD6F59

Deuteranomaly
BA6B47

Tritanomaly
E64B4F

Monochromacy



Original Color
E64C4C

Achromatopsia
7A7A7A

Achromatomaly
A16969

CSS Examples

Text

The CSS property to change the color of the text to Hex E64C4C 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 #E64C4C looks like.

```
.text, #text, p{  
    color:#E64C4C  
}
```

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 #E64C4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E64C4C }  
}
```

Border

The CSS property to change the border of an element to Hex E64C4C is called "border". The border property can be set on classes, ids or directly on the HTML element.

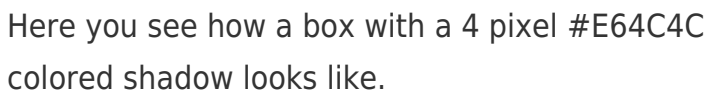
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #E64C4C }  
}
```

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

```
.border{ border-color:#E64C4C }
```

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



Here you see how a box with a 4 pixel #E64C4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E64C4C; -webkit-box-shadow:4px 4px  
4px 4px #E64C4C; box-shadow:4px 4px 4px  
4px #E64C4C }
```

Background

The CSS property to change the background color of an element to Hex E64C4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E64C4C }
```

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

```
.background{ background-color:#E64C4C }
```

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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