

Converting Colors

Hex(E63947)

Have a look what the booklet for
Hex(E63947) contains.

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Color

Hex(E63947)

Conversions

Conversions Part 1

Format	Color
Hex	E63947
RGB	230, 57, 71
RGB Percent	90%, 22%, 28%
CMY	0.0980, 0.7765, 0.7216
CMYK	0.00, 0.75, 0.69, 0.10
HSL	355°, 78%, 56%
HSV	355°, 75%, 90%
XYZ	35.2336, 20.2042, 8.0040
YIQ	110.3230, 98.6140, 41.0300

Conversions

Conversions Part 2

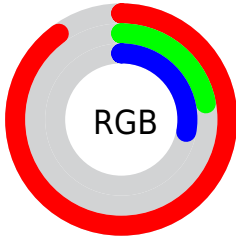
Format	Color
R_{YB}	230, 57, 71
Decimal	15087943
CIE _{Lab}	52.07, 65.78, 33.58
CIE _{LCh}	52, 73.858, 27.040
Yxy	20.2042, 0.5554, 0.3185
Android (android.graphics.Color)	4293278023 (0xFFE63947)
YUV	110.3230, -19.3862, 104.9567
Hunter-Lab	44.9491, 61.2574, 20.9067

Details

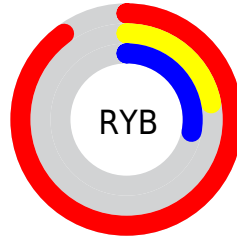
The Hex color **E63947** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **39E6D8**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF7577**, and **A6001C** is the 20% darker color. If you saturate the color by 10%, you get **E62232**, and if you desaturate by 10%, it is **E6505C**.

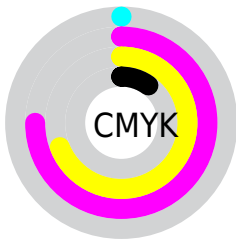
Distribution



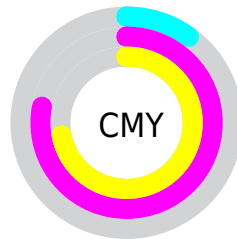
- Red (90%)
- Green (22%)
- Blue (28%)



- Red (90%)
- Yellow (22%)
- Blue (28%)



- Cyan (0%)
- Magenta (75%)
- Yellow (69%)
- Black (10%)



- Cyan (10%)
- Magenta (78%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color E63947 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 E63947 by changing the saturation by 10% instead.

 E63947

 E63947

FFFFFF

 C60E31

 FF7577

 A6001C

 FF9291

 870004

 FFAFAC

 680000

 FFCDC7

 4B0003

 FFEAE3

 2C0001

 000000

 E63947

 E63947

 E62232

 E6505C

 E60B1D

 E66771

 E60013

 E67E86

 E6959C

 E6ACB1

 E6C3C6

 E6DADB

 E6F1F0

 E6FFFF

Harmonies

Analogous

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



E62B85



E63947



CA5C00

Triad

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



E63947



009331



0086FC

Complementary

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



E63947



39E6D8

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.



0093E7



E63947



009774

Square

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



E63947



5E8900



0097B4



666EEE

Rectangle

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



E63947



AD6F00



0097B4



008CF9

Sweetspot

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



E63947



FFC4C9



D839E6



805C5F



000000



808080

Same Dimension

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



E63947



FF192C



E68139



736768



B3000E



330004

Inverse Universe

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



E63947



FF192C



399EE6



736768



B3000E



330004

Previews

White Background



This preview shows how the Hex color E63947 looks on a white background.

Color Contrast Check

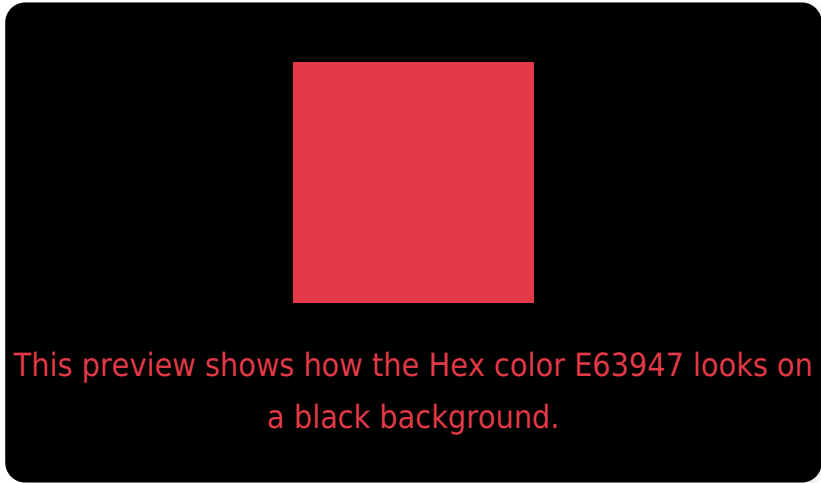
Large Text (above 18pt) WCAG AA ✓ Pass

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 E63947 Background



This preview shows how black text looks on a background with the Hex color E63947.

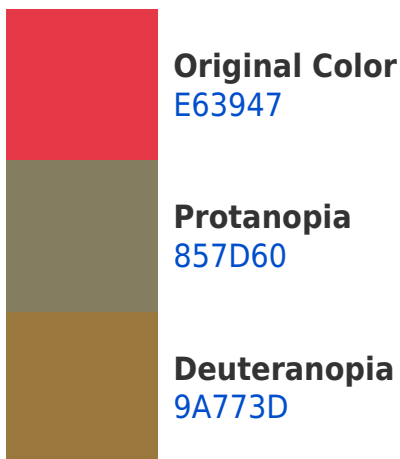


This preview shows how white text looks on a background with the Hex color E63947.

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





Tritanopia
E63B3D

Trichromacy



Original Color
E63947

Protanomaly
A86457

Deuteranomaly
B66041

Tritanomaly
E63A41

Monochromacy



Original Color
E63947

Achromatopsia
6E6E6E

Achromatomaly
9A5B60

CSS Examples

Text

The CSS property to change the color of the text to Hex E63947 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 #E63947 looks like.

```
.text, #text, p{  
    color:#E63947  
}
```

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 #E63947 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E63947
}
```

Border

The CSS property to change the border of an element to Hex E63947 is called "border". The border property can be set on classes, ids or directly on the HTML element.

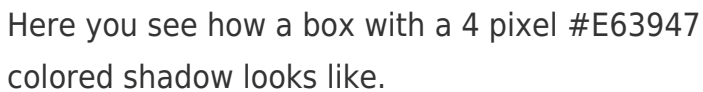
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E63947 }
```

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

```
.border{ border-color:#E63947 }
```

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



Here you see how a box with a 4 pixel #E63947 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E63947; -webkit-box-shadow:4px 4px  
4px 4px #E63947; box-shadow:4px 4px 4px  
4px #E63947 }
```

Background

The CSS property to change the background color of an element to Hex E63947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E63947 }
```

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

```
.background{ background-color:#E63947 }
```

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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