

# Converting Colors

Hex(E63742)

Have a look what the booklet for  
Hex(E63742) contains.

<b>Hex(E63742)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(E63742)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E63742
RGB	230, 55, 66
RGB Percent	90%, 22%, 26%
CMY	0.0980, 0.7843, 0.7412
CMYK	0.00, 0.76, 0.71, 0.10
HSL	356°, 78%, 56%
HSV	356°, 76%, 90%
XYZ	34.9827, 19.9487, 7.1610
YIQ	108.5790, 100.7690, 40.5210

# Conversions

## Conversions Part 2

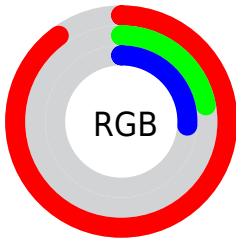
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	230, 55, 66
Decimal	15087426
CIE <sub>Lab</sub>	51.78, 66.17, 36.13
CIE <sub>LCh</sub>	52, 75.393, 28.635
Yxy	19.9487, 0.5634, 0.3213
Android (android.graphics.Color)	4293277506 (0xFFE63742)
YUV	108.5790, -20.9914, 106.4862
Hunter-Lab	44.6640, 61.6466, 21.7589

# Details

The Hex color **E63742** 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 **37E6DB**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF7472**, and **A60017** is the 20% darker color. If you saturate the color by 10%, you get **E6202C**, and if you desaturate by 10%, it is **E64E58**.

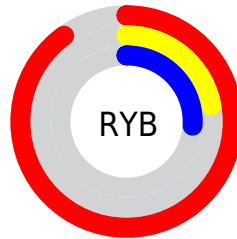
# Distribution



Red (90%)

Green (22%)

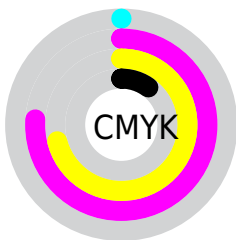
Blue (26%)



Red (90%)

Yellow (22%)

Blue (26%)

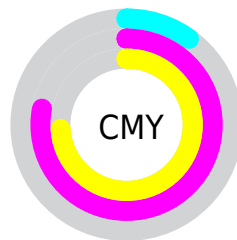


Cyan (0%)

Magenta (76%)

Yellow (71%)

Black (10%)



Cyan (10%)

Magenta (78%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E63742 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 E63742 by changing the saturation by 10% instead.



 E63742

 E63742

FFFFFF

 C6082C

 FF7472

 A60017

 FF918C

 870000

 FFAEA6

 680000

 FFCBC1

 4A0003

 FFE9DD

 2B0001

 FFFFFA

 000000

 E63742

 E63742

 E6202C

 E64E58

 E60917

 E6656D

 E6000E

 E67C83

 E69398

 E6AAAE

 E6C1C3

 E6D8D9

 E6EFEE

 E6FFFF

# Harmonies

## Analogous

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



E82481



E63742



C85C00

# Triad

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



E63742



009332



0085FE

# Complementary

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



E63742



37E6DB

# 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.



0092EA



E63742



009776

# Square

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



E63742



588900



0097B8



6C6BEE

# Rectangle

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



E63742



AA7000



0097B8



008BFB



# Sweetspot

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



E63742



FFC4C8



DA37E6



805C5E



000000



808080



# Same Dimension

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



E63742



FF1726



E68337



736768



B3000B



330003



# Inverse Universe

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



E63742



FF1726



379AE6



736768



B3000B



330003



# Previews

## White Background



This preview shows how the Hex color E63742 looks on a white background.

## Color Contrast Check

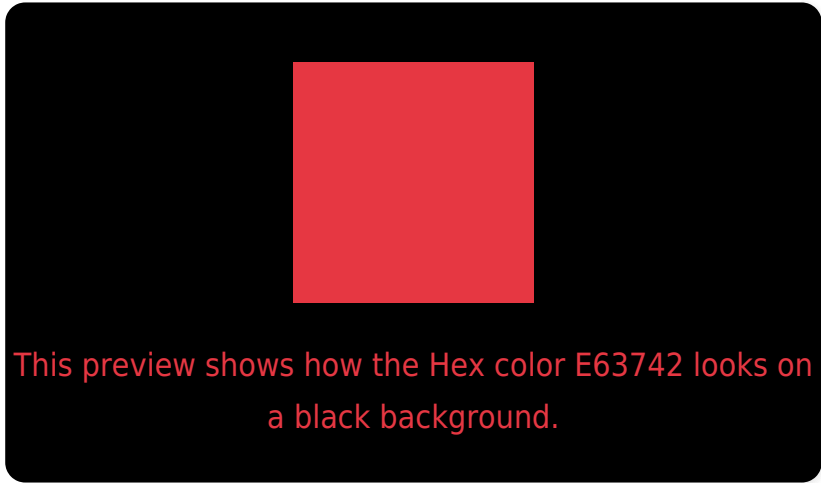
Large Text (above 18pt) WCAG AA ✓ Pass

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 E63742 Background



This preview shows how black text looks on a background with the Hex color E63742.



This preview shows how white text looks on a background with the Hex color E63742.

# 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**  
E63742

**Protanopia**  
857C5A

**Deuteranopia**  
997638



**Tritanopia**  
E6383A

# Trichromacy



**Original Color**  
E63742

**Protanomaly**  
A86351

**Deuteranomaly**  
B55F3C

**Tritanomaly**  
E6383D

# Monochromacy



**Original Color**  
E63742

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
99595D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E63742 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 #E63742 looks like.

```
.text, #text, p{  
    color:#E63742  
}
```

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 #E63742 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E63742
}
```

## Border

The CSS property to change the border of an element to Hex E63742 is called "border". The border property can be set on classes, ids or directly on the HTML element.

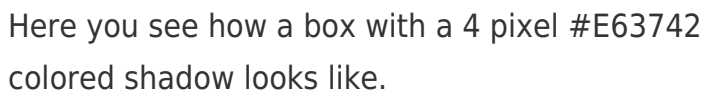
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E63742 }
```

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

```
.border{ border-color:#E63742 }
```

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



Here you see how a box with a 4 pixel #E63742 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E63742; -webkit-box-shadow:4px 4px  
4px 4px #E63742; box-shadow:4px 4px 4px  
4px #E63742 }
```

# Background

The CSS property to change the background color of an element to Hex E63742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E63742 }
```

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

```
.background{ background-color:#E63742 }
```

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