

# Converting Colors

Hex(E65C61)

Have a look what the booklet for  
Hex(E65C61) contains.

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# Color

**Hex(E65C61)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E65C61
RGB	230, 92, 97
RGB Percent	90%, 36%, 38%
CMY	0.0980, 0.6392, 0.6196
CMYK	0.00, 0.60, 0.58, 0.10
HSL	358°, 73%, 63%
HSV	358°, 60%, 90%
XYZ	38.6179, 25.3404, 14.1650
YIQ	133.8320, 80.6430, 30.8110

# Conversions

## Conversions Part 2

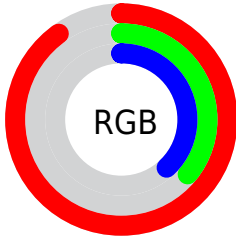
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	230, 92, 97
Decimal	15096929
CIE <sub>Lab</sub>	57.41, 53.93, 25.22
CIE <sub>LCh</sub>	57, 59.532, 25.066
Yxy	25.3404, 0.4943, 0.3244
Android (android.graphics.Color)	4293287009 (0xFFE65C61)
YUV	133.8320, -18.1582, 84.3393
Hunter-Lab	50.3392, 48.8435, 18.5537

# Details

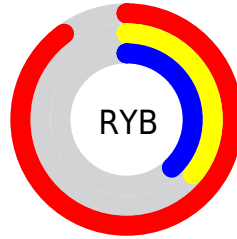
The Hex color **E65C61** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **5CE6E1**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FF9394**, and **A92233** is the 20% darker color. If you saturate the color by 10%, you get **E6454B**, and if you desaturate by 10%, it is **E67377**.

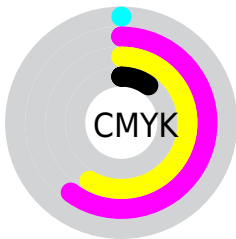
# Distribution



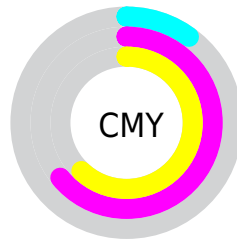
- Red (90%)
- Green (36%)
- Blue (38%)



- Red (90%)
- Yellow (36%)
- Blue (38%)



- Cyan (0%)
- Magenta (60%)
- Yellow (58%)
- Black (10%)



- Cyan (10%)
- Magenta (64%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E65C61 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 E65C61 by changing the saturation by 10% instead.



 E65C61

 E65C61

FFFFFF

 C74049

 FF9394

 A92233

 FFAFAE

 8A001E

 FFCCCA

 6D0006

 FFE9E6

 4F0000

 340002

 000000

 E65C61

 E65C61

 E6454B

 E67377

 E62E35

 E68A8D

 E6171E

 E6A1A3

 E60008

 E6B8BA

 E6CFD0

 E6E6E6

 E6FDFC

 E6FFFF

# Harmonies

## Analogous

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



E25895



E65C61



D17034

# Triad

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



E65C61



2F9D4B



0092F2

# Complementary

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



E65C61



5CE6E1

# 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.



009EDE



E65C61



00A27F

# Square

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



E65C61



79941F



00A2B4



7A80E9

# Rectangle

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



E65C61



B97E1B



00A2B4



0097EE



# Sweetspot

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



E65C61



FFD1D3



DF5CE6



806364



000000



808080



# Same Dimension

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



E65C61



FF474E



E69A5C



736768



B30006



330002



# Inverse Universe

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



E65C61



FF474E



5CA8E6



736768



B30006



330002



# Previews

## White Background



This preview shows how the Hex color E65C61 looks on a white background.

## Color Contrast Check

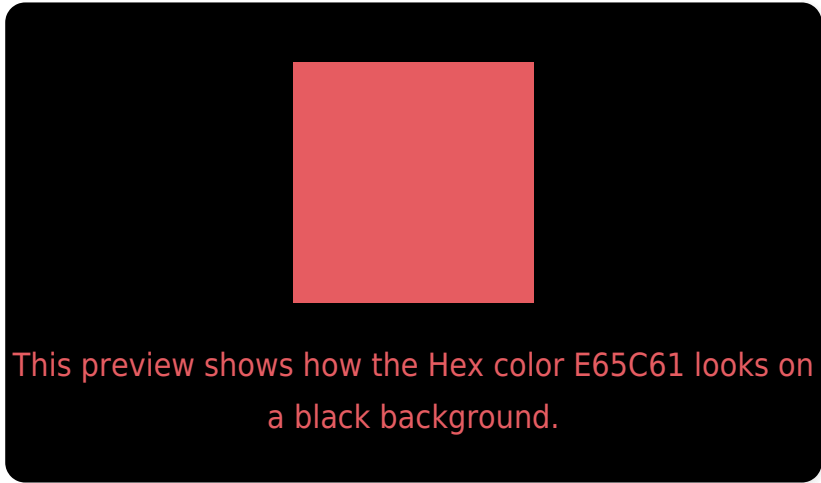
Large Text (above 18pt) WCAG AA ✓ Pass

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 E65C61 Background



This preview shows how black text looks on a background with the Hex color E65C61.

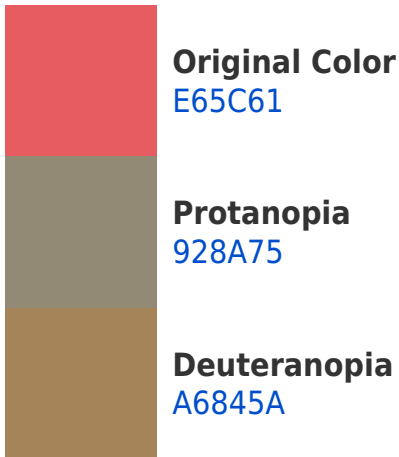


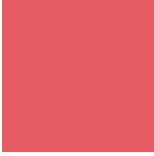
This preview shows how white text looks on a background with the Hex color E65C61.

# 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**  
E65C62

# Trichromacy



**Original Color**  
E65C61

**Protanomaly**  
B1796E

**Deuteranomaly**  
BD755D

**Tritanomaly**  
E65C62

# Monochromacy



**Original Color**  
E65C61

**Achromatopsia**  
868686

**Achromatomaly**  
A97779

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E65C61 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 #E65C61 looks like.

```
.text, #text, p{  
    color:#E65C61  
}
```

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 #E65C61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E65C61
}
```

## Border

The CSS property to change the border of an element to Hex E65C61 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
#E65C61 }
```

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

```
.border{ border-color:#E65C61 }
```

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

Here you see how a box with a 4 pixel #E65C61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E65C61; -webkit-box-shadow:4px 4px  
4px 4px #E65C61; box-shadow:4px 4px 4px  
4px #E65C61 }
```

# Background

The CSS property to change the background color of an element to Hex E65C61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E65C61 }
```

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

```
.background{ background-color:#E65C61 }
```

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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