

# Converting Colors

Hex(E84160)

Have a look what the booklet for  
Hex(E84160) contains.

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# Color

**Hex(E84160)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E84160
RGB	232, 65, 96
RGB Percent	91%, 25%, 38%
CMY	0.0902, 0.7451, 0.6235
CMYK	0.00, 0.72, 0.59, 0.09
HSL	349°, 78%, 58%
HSV	349°, 72%, 91%
XYZ	37.2803, 21.7809, 13.3056
YIQ	118.4670, 89.5810, 45.0450

# Conversions

## Conversions Part 2

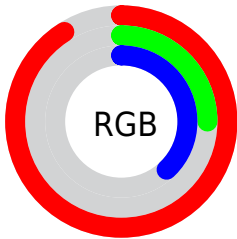
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	232, 65, 96
Decimal	15221088
CIE <sub>Lab</sub>	53.79, 65.17, 21.09
CIE <sub>LCh</sub>	54, 68.494, 17.930
Yxy	21.7809, 0.5152, 0.3010
Android (android.graphics.Color)	4293411168 (0xFFE84160)
YUV	118.4670, -11.0762, 99.5684
Hunter-Lab	46.6700, 60.9144, 15.7655

# Details

The Hex color **E84160** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle muted rose. A complement of this color would be **41E8C9**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF7C92**, and **AA0032** is the 20% darker color. If you saturate the color by 10%, you get **E82A4D**, and if you desaturate by 10%, it is **E85873**.

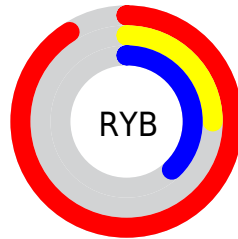
# Distribution



Red (91%)

Green (25%)

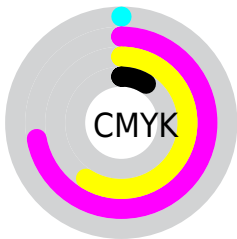
Blue (38%)



Red (91%)

Yellow (25%)

Blue (38%)

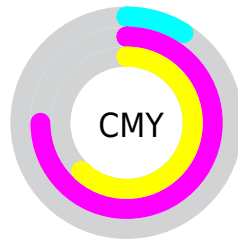


Cyan (0%)

Magenta (72%)

Yellow (59%)

Black (9%)



Cyan (9%)

Magenta (75%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E84160 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 E84160 by changing the saturation by 10% instead.



 E84160

 E84160

FFFFFF

 C91D48

 FF7C92

 AA0032

 FF99AD

 8B001E


 FFB6C8

 6D0005

 FFD3E4

 4F0002

 FFF1FF

 310002

 000000

 E84160

 E84160

 E82A4D

 E85873

 E8133A

 E86F86

 E8002B

 E88799

 E89EAC

 E8B5BE

 E8CCD1

 E8E3E4

 E8FBF7

 E8FFFF

# Harmonies

## Analogous

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



DD439B



E84160



D65A28

# Triad

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



E84160



299428



008EF5

# Complementary

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



E84160



41E8C9

# 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.



0098D8



E84160



009A66

# Square

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



E84160



7A8900



009BA3



427BF2

# Rectangle

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



E84160



BD6D00



009BA3



0093EE



# Sweetspot

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



E84160



FFC7D1



C741E8



805E65



000000



808080



# Same Dimension

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



E84160



FF244C



E87341



736769



B30021



330009



# Inverse Universe

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



E84160



FF244C



41B6E8



736769



B30021

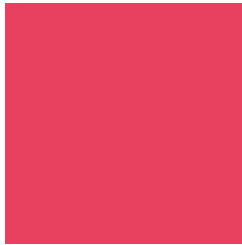


330009



# Previews

## White Background



This preview shows how the Hex color E84160 looks on a white background.

## Color Contrast Check

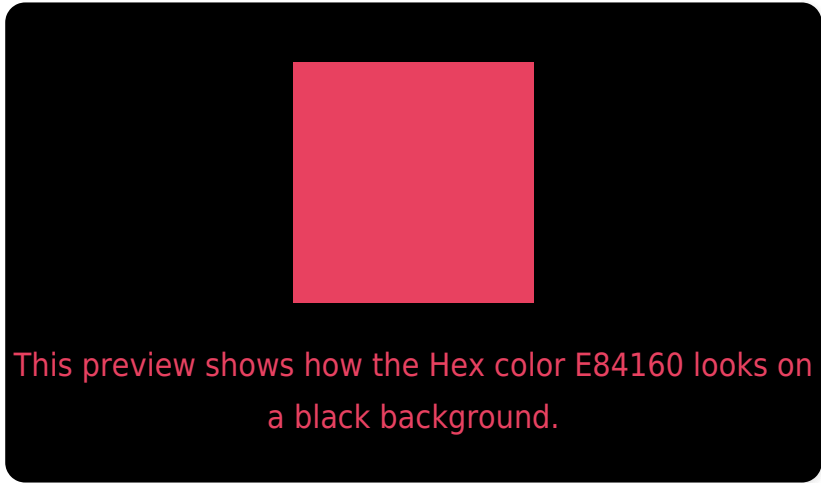
Large Text (above 18pt) WCAG AA ✓ Pass

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 E84160 Background



This preview shows how black text looks on a background with the Hex color E84160.

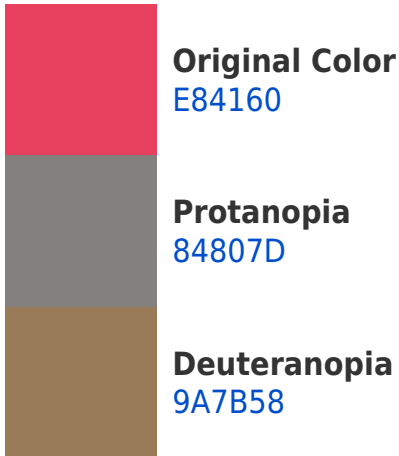



This preview shows how white text looks on a background with the Hex color E84160.

# 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](#).

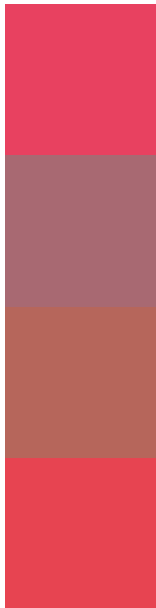
## Dichromacy





**Tritanopia**  
E74649

# Trichromacy



**Original Color**  
E84160

**Protanomaly**  
A86972

**Deuteranomaly**  
B6665B

**Tritanomaly**  
E74451

# Monochromacy



**Original Color**  
E84160

**Achromatopsia**  
767676

**Achromatomaly**  
9F636E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E84160 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 #E84160 looks like.

```
.text, #text, p{  
    color:#E84160  
}
```

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 #E84160 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E84160
}
```

## Border

The CSS property to change the border of an element to Hex E84160 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
#E84160 }
```

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

```
.border{ border-color:#E84160 }
```

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

Here you see how a box with a 4 pixel #E84160 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E84160; -webkit-box-shadow:4px 4px  
4px 4px #E84160; box-shadow:4px 4px 4px  
4px #E84160 }
```

# Background

The CSS property to change the background color of an element to Hex E84160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E84160 }
```

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

```
.background{ background-color:#E84160 }
```

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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