

# Converting Colors

Hex(E13F61)

Have a look what the booklet for  
Hex(E13F61) contains.

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# Color

**Hex(E13F61)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E13F61
RGB	225, 63, 97
RGB Percent	88%, 25%, 38%
CMY	0.1176, 0.7529, 0.6196
CMYK	0.00, 0.72, 0.57, 0.12
HSL	347°, 73%, 56%
HSV	347°, 72%, 88%
XYZ	34.9865, 20.4256, 13.4078
YIQ	115.3140, 85.6380, 44.9180

# Conversions

## Conversions Part 2

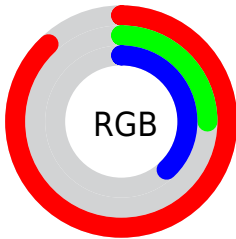
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	225, 63, 97
Decimal	14761825
CIE Lab	52.32, 63.87, 18.28
CIE LCh	52, 66.440, 15.973
Yxy	20.4256, 0.5084, 0.2968
Android (android.graphics.Color)	4292951905 (0xFFE13F61)
YUV	115.3140, -9.0288, 96.1946
Hunter-Lab	45.1947, 59.0911, 14.0469

# Details

The Hex color **E13F61** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed rose. A complement of this color would be **3FE1BF**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF7A93**, and **A30033** is the 20% darker color. If you saturate the color by 10%, you get **E1294F**, and if you desaturate by 10%, it is **E15673**.

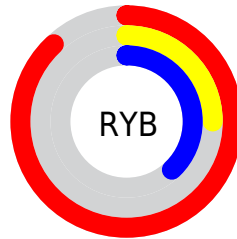
# Distribution



Red (88%)

Green (25%)

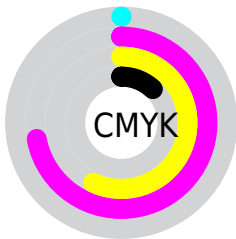
Blue (38%)



Red (88%)

Yellow (25%)

Blue (38%)

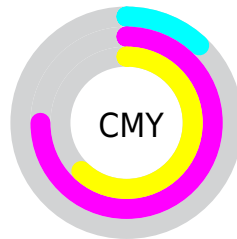


Cyan (0%)

Magenta (72%)

Yellow (57%)

Black (12%)



Cyan (12%)

Magenta (75%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E13F61 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 E13F61 by changing the saturation by 10% instead.



 E13F61

 E13F61

FFFFFF

 C21B49

 FF7A93

 A30033

 FF97AE

 85001F

 FFB3C9

 670006


 FFD1E5

 4A0002


 FFEEFF

 2B0001

 000000

 E13F61

 E13F61

 E1294F

 E15673

 E1123D

 E16C85

 E1002F

 E18396

 E199A8

 E1B0BA

 E1C6CC

 E1DCDD

 E1F3EF

 E1FFFF

# Harmonies

## Analogous

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



D5439A



E13F61



D1562B

# Triad

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



E13F61



318F24



008BEC

# Complementary

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



E13F61



3FE1BF

# 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.



0094CE



E13F61



00955F

# Square

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



E13F61



7A8300



00969B



3379EB

# Rectangle

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



E13F61



BA6800



00969B



008FE5



# Sweetspot

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



E13F61



FFC7D3



BE3FE1



805E65



000000



808080



# Same Dimension

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



E13F61



FF2452



E16D3F



706567



B00025



30000A



# Inverse Universe

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



E13F61



FF2452



3FB3E1



706567



B00025

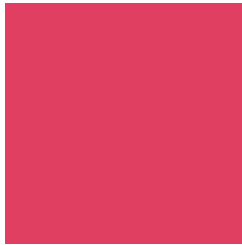


30000A



# Previews

## White Background



This preview shows how the Hex color E13F61 looks on a white background.

## Color Contrast Check

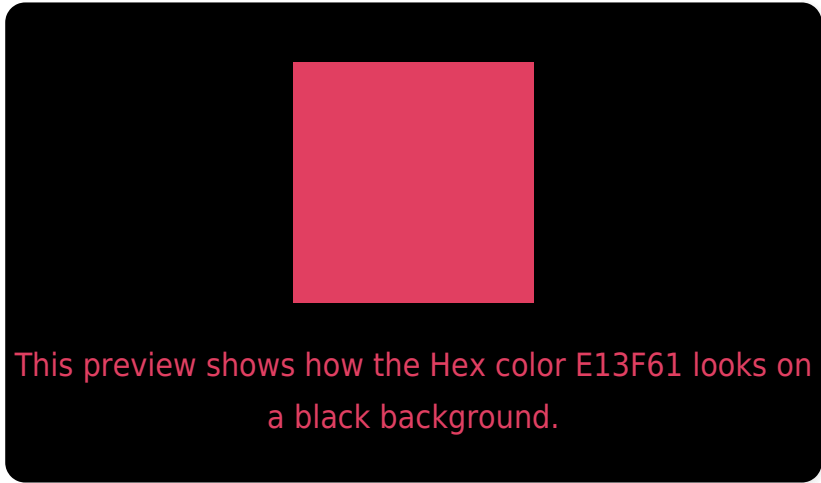
Large Text (above 18pt) WCAG AA ✓ Pass

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 E13F61 Background



This preview shows how black text looks on a background with the Hex color E13F61.

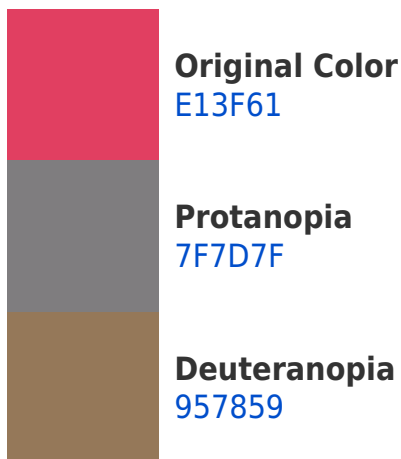


This preview shows how white text looks on a background with the Hex color E13F61.

# 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](#).

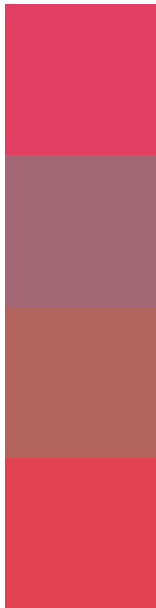
## Dichromacy





**Tritanopia**  
E04448

# Trichromacy



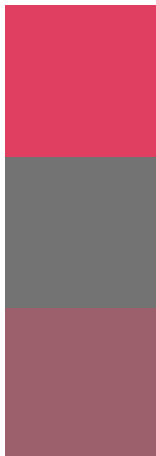
**Original Color**  
E13F61

**Protanomaly**  
A36674

**Deuteranomaly**  
B1635C

**Tritanomaly**  
E04251

# Monochromacy



**Original Color**  
E13F61

**Achromatopsia**  
737373

**Achromatomaly**  
9B606C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E13F61 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 #E13F61 looks like.

```
.text, #text, p{  
    color:#E13F61  
}
```

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 #E13F61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E13F61
}
```

## Border

The CSS property to change the border of an element to Hex E13F61 is called "border". The border property can be set on classes, ids or directly on the HTML element.

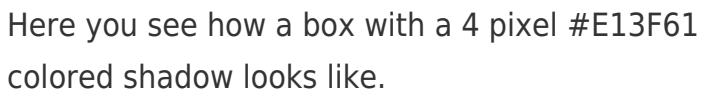
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E13F61 }
```

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

```
.border{ border-color:#E13F61 }
```

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



Here you see how a box with a 4 pixel #E13F61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E13F61; -webkit-box-shadow:4px 4px  
4px 4px #E13F61; box-shadow:4px 4px 4px  
4px #E13F61 }
```

# Background

The CSS property to change the background color of an element to Hex E13F61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E13F61 }
```

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

```
.background{ background-color:#E13F61 }
```

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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