

# Converting Colors

Hex(EE3641)

Have a look what the booklet for  
Hex(EE3641) contains.

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**Color**

**Hex(E E3641)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EE3641
RGB	238, 54, 65
RGB Percent	93%, 21%, 25%
CMY	0.0667, 0.7882, 0.7451
CMYK	0.00, 0.77, 0.73, 0.07
HSL	356°, 84%, 57%
HSV	356°, 77%, 93%
XYZ	37.5332, 21.1971, 7.1143
YIQ	110.2700, 106.1330, 42.4290

# Conversions

## Conversions Part 2

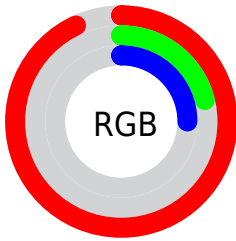
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	238, 54, 65
Decimal	15611457
CIELab	53.16, 68.70, 38.70
CIELCh	53, 78.852, 29.389
Yxy	21.1971, 0.5700, 0.3219
Android (android.graphics.Color)	4293801537 (0xFFEE3641)
YUV	110.2700, -22.3181, 112.0192
Hunter-Lab	46.0403, 64.9469, 23.0666

# Details

The Hex color **EE3641** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **36EEE3**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF7471**, and **AE0016** is the 20% darker color. If you saturate the color by 10%, you get **EE1E2B**, and if you desaturate by 10%, it is **EE4E57**.

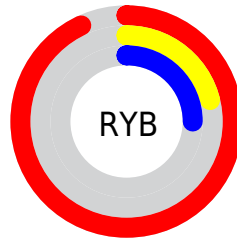
# Distribution



Red (93%)

Green (21%)

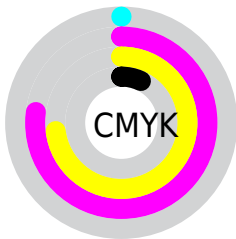
Blue (25%)



Red (93%)

Yellow (21%)

Blue (25%)

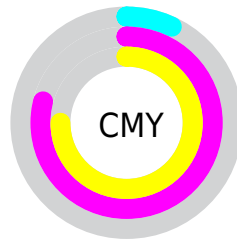


Cyan (0%)

Magenta (77%)

Yellow (73%)

Black (7%)



Cyan (7%)

Magenta (79%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EE3641 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 EE3641 by changing the saturation by 10% instead.



 EE3641

 EE3641

FFFFFF

 CE012B

 FF7471

 AE0016

 FF918B

 8E0000

 FFAFA5

 6E0000

 FFCCC0

 500002

 FFEADC

 310002

 FFFFF9

 000000

 EE3641

 EE3641

 EE1E2B

 EE4E57

 EE0614

 EE666E

 EE000E

 EE7D84

 EE959B

 EEADB1

 EEC5C7

 EEDDDE

 EE4F4F

 EEFFFF

# Harmonies

## Analogous

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



F11E83



EE3641



CE5F00

# Triad

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



EE3641



009733



0088FF

# Complementary

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



EE3641



36EEE3

# 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.



0097F4



EE3641



009B7C

# Square

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



EE3641



578E00



009CC0



716DF7

# Rectangle

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



EE3641



AE7300



009CC0



008FFF



# Sweetspot

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



EE3641



FFC4C8



E236EE



805C5E



000000



808080



# Same Dimension

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



EE3641



FF1220



EE8636



786C6D



B8000B



380003



# Inverse Universe

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



EE3641



FF1220



369EEE



786C6D



B8000B



380003



# Previews

## White Background



This preview shows how the Hex color EE3641 looks on a white background.

## Color Contrast Check

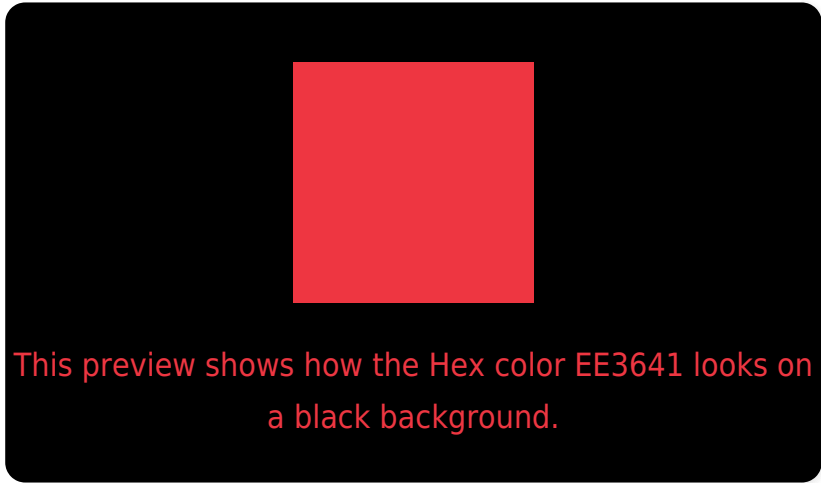
Large Text (above 18pt) WCAG AA ✓ Pass

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 EE3641 Background



This preview shows how black text looks on a background with the Hex color EE3641.

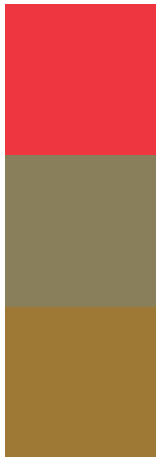


This preview shows how white text looks on a background with the Hex color EE3641.

# 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**  
EE3641

**Protanopia**  
897F5A

**Deuteranopia**  
9E7936



# Trichromacy



**Original Color**  
EE3641

**Protanomaly**  
AE6451

**Deuteranomaly**  
BB613A

**Tritanomaly**  
EE373C

# Monochromacy



**Original Color**  
EE3641

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
9D5A5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EE3641 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 #EE3641 looks like.

```
.text, #text, p{  
    color:#EE3641  
}
```

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 #EE3641 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE3641
}
```

## Border

The CSS property to change the border of an element to Hex EE3641 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
#EE3641 }
```

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

```
.border{ border-color:#EE3641 }
```

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

Here you see how a box with a 4 pixel #EE3641 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE3641; -webkit-box-shadow:4px 4px  
4px 4px #EE3641; box-shadow:4px 4px 4px  
4px #EE3641 }
```

# Background

The CSS property to change the background color of an element to Hex EE3641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE3641 }
```

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

```
.background{ background-color:#EE3641 }
```

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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