

# Converting Colors

Hex(C03E36)

Have a look what the booklet for  
Hex(C03E36) contains.

<b>Hex(C03E36)</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(C03E36)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C03E36
RGB	192, 62, 54
RGB Percent	75%, 24%, 21%
CMY	0.2471, 0.7569, 0.7882
CMYK	0.00, 0.68, 0.72, 0.25
HSL	3°, 56%, 48%
HSV	3°, 72%, 75%
XYZ	24.1267, 14.9181, 5.0979
YIQ	99.9580, 80.0480, 25.0720

# Conversions

## Conversions Part 2

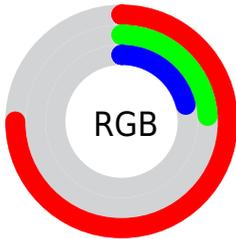
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	192, 62, 54
Decimal	12598838
CIE <sub>Lab</sub>	45.52, 51.40, 33.99
CIE <sub>LCh</sub>	46, 61.625, 33.472
Yxy	14.9181, 0.5466, 0.3380
Android (android.graphics.Color)	4290788918 (0xFFC03E36)
YUV	99.9580, -22.6573, 80.7208
Hunter-Lab	38.6239, 43.9095, 19.2112

# Details

The Hex color **C03E36** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **36B8C0**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **FE7565**, and **83000B** is the 20% darker color. If you saturate the color by 10%, you get **C02C23**, and if you desaturate by 10%, it is **C05049**.

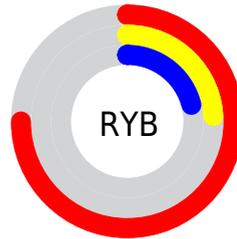
# Distribution



Red (75%)

Green (24%)

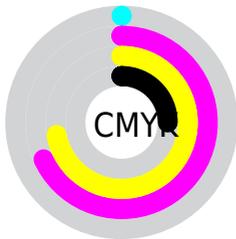
Blue (21%)



Red (75%)

Yellow (24%)

Blue (21%)

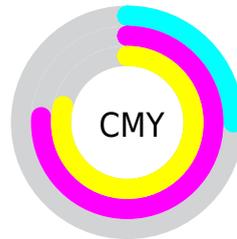


Cyan (0%)

Magenta (68%)

Yellow (72%)

Black (25%)



Cyan (25%)

Magenta (76%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C03E36 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 C03E36 by changing the saturation by 10% instead.

 C03E36

 C03E36

FFFFFF

 A12020

 FE7565

 83000B

 FF907E

 650000

 FFAC99

 480000

 FFC8B3

 2C0001

 FFE5CF

 000000

 FFFFEB

 C03E36

 C03E36

 C02C23

 C05049

 C01A10

 C0625C

 C00B00

 C07470

 C08683

 C09896

 C0ABA9

 C0BDBC

 C0CFD0

 C0E1E3

# Harmonies

## Analogous

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



C53068



C03E36



A65700

# Triad

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



C03E36



00803B



0070D3

# Complementary

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



C03E36



36B8C0

# 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.



007DC8



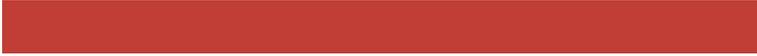
C03E36



008271

# Square

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



C03E36



487900



0082A4



715BC3

# Rectangle

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



C03E36



8C6600



0082A4



0075D3

# Sweetspot

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



C03E36



FAC6C3



C036B9



7D5E5C



FCFCFC



7D7D7D



# Same Dimension

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



C03E36



FA2F23



C08236



615857



A10900



210200



# Inverse Universe

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



36B8C0



23EDFA



3674C0



576061



0097A1



001F21



# Previews

## White Background



This preview shows how the Hex color C03E36 looks on a white background.

## Color Contrast Check

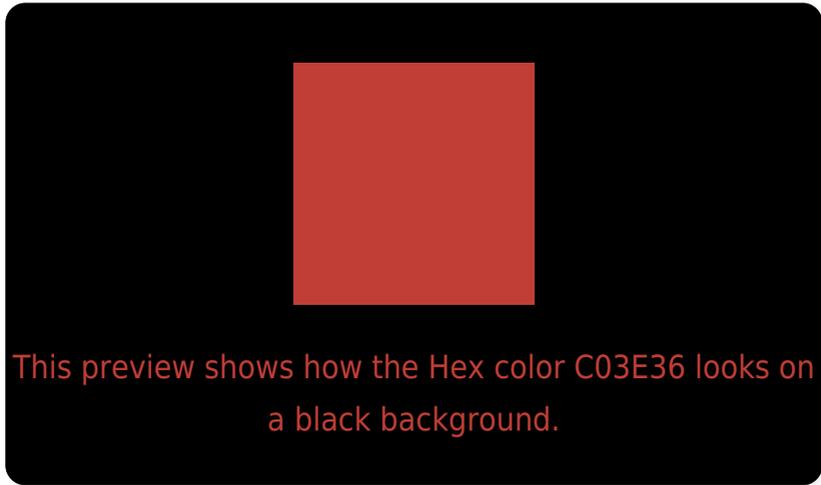
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

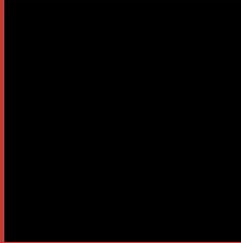
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## Hex C03E36 Background



This preview shows how black text looks on a background with the Hex color C03E36.



This preview shows how white text looks on a background with the Hex color C03E36.

# 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



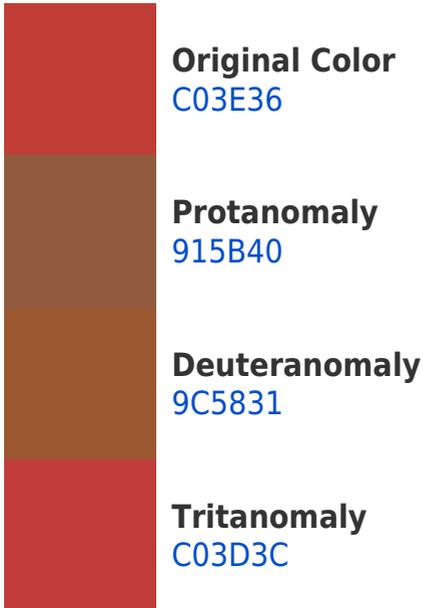
**Original Color**  
C03E36

**Protanopia**  
766C46

**Deuteranopia**  
87672E



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C03E36 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 #C03E36 looks like.

```
.text, #text, p{  
    color:#C03E36  
}
```

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 #C03E36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C03E36
}
```

## Border

The CSS property to change the border of an element to Hex C03E36 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
#C03E36 }
```

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

```
.border{ border-color:#C03E36 }
```

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

Here you see how a box with a 4 pixel #C03E36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C03E36; -webkit-box-shadow:4px 4px  
4px 4px #C03E36; box-shadow:4px 4px 4px  
4px #C03E36 }
```

# Background

The CSS property to change the background color of an element to Hex C03E36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C03E36 }
```

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

```
.background{ background-color:#C03E36 }
```

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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