

Converting Colors

Hex(C03636)

Have a look what the booklet for
Hex(C03636) contains.

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Color

Hex(C03636)

Conversions

Conversions Part 1

Format	Color
Hex	C03636
RGB	192, 54, 54
RGB Percent	75%, 21%, 21%
CMY	0.2471, 0.7882, 0.7882
CMYK	0.00, 0.72, 0.72, 0.25
HSL	0°, 56%, 48%
HSV	0°, 72%, 75%
XYZ	23.7232, 14.1111, 4.9634
YIQ	95.2620, 82.2480, 29.2560

Conversions

Conversions Part 2

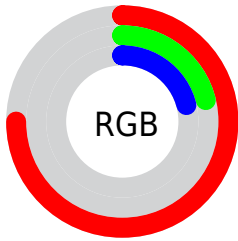
Format	Color
RYB	192, 54, 54
Decimal	12596790
CIELab	44.39, 54.50, 32.68
CIElCh	44, 63.547, 30.948
Yxy	14.1111, 0.5543, 0.3297
Android (android.graphics.Color)	4290786870 (0xFFC03636)
YUV	95.2620, -20.3422, 84.8392
Hunter-Lab	37.5648, 46.9895, 18.4614

Details

The Hex color **C03636** 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 **36C0C0**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF6E65**, and **83000B** is the 20% darker color. If you saturate the color by 10%, you get **C02323**, and if you desaturate by 10%, it is **C04949**.

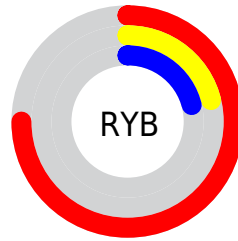
Distribution



Red (75%)

Green (21%)

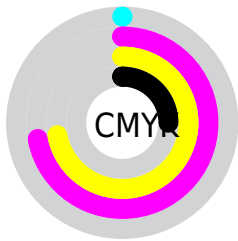
Blue (21%)



Red (75%)

Yellow (21%)

Blue (21%)

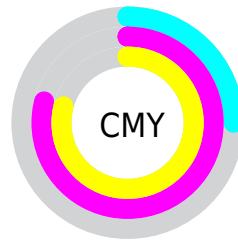


Cyan (0%)

Magenta (72%)

Yellow (72%)

Black (25%)



Cyan (25%)

Magenta (79%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color C03636 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 C03636 by changing the saturation by 10% instead.

 C03636

 C03636

FFFFFF

 A11420

 FF6E65

 83000B

 FF8A7E

 650000

 FFA698

 470001

 FFC2B3

 2B0001

 FFDFCF

 000000

 FFFCEB

 C03636

 C03636

 C02323

 C04949

 C01010

 C05C5C

 C00000

 C07070

 C08383

 C09696

 C0A9A9

 C0BCBC

 C0D0D0

 C0E3E3

Harmonies

Analogous

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



C3276A



C03636



A65200

Triad

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



C03636



007D32



006FD4

Complementary

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



C03636



36C0C0

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.



007BC6



C03636



008069

Square

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



C03636



487500



00809E



665AC5

Rectangle

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



C03636



8D6100



00809E



0074D2

Sweetspot

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



C03636



FAC3C3



C036C0



7D5C5C



FCFCFC



7D7D7D

Same Dimension

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



C03636



FA2323



C07B36



615757



A10000



210000

Inverse Universe

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



36C0C0



23FAFA



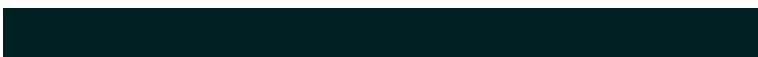
367BC0



576161



00A1A1



002121

Previews

White Background



This preview shows how the Hex color C03636 looks on a white background.

Color Contrast Check

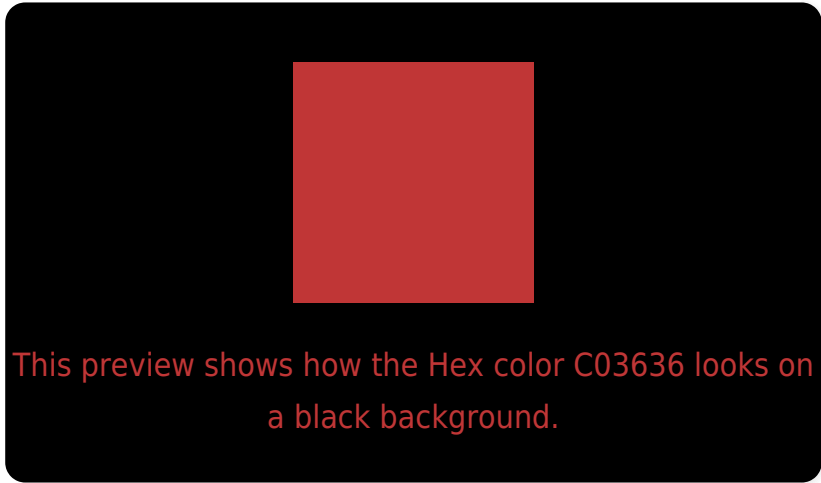
Large Text (above 18pt) WCAG AA ✓ Pass

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 C03636 Background



This preview shows how black text looks on a background with the Hex color C03636.

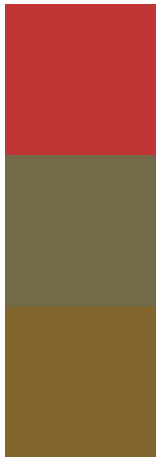


This preview shows how white text looks on a background with the Hex color C03636.

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
C03636

Protanopia
736A48

Deuteranopia
83652E



Tritanopia
C03638

Trichromacy



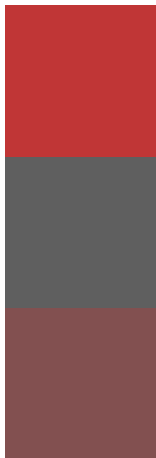
Original Color
C03636

Protanomaly
8F5741

Deuteranomaly
995431

Tritanomaly
C03637

Monochromacy



Original Color
C03636

Achromatopsia
5F5F5F

Achromatomaly
825050

CSS Examples

Text

The CSS property to change the color of the text to Hex C03636 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 #C03636 looks like.

```
.text, #text, p{  
    color:#C03636  
}
```

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 #C03636 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C03636
}
```

Border

The CSS property to change the border of an element to Hex C03636 is called "border". The border property can be set on classes, ids or directly on the HTML element.

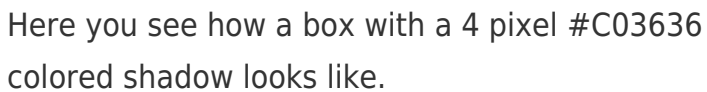
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C03636 }
```

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

```
.border{ border-color:#C03636 }
```

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



Here you see how a box with a 4 pixel `#C03636` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C03636; -webkit-box-shadow:4px 4px  
4px 4px #C03636; box-shadow:4px 4px 4px  
4px #C03636 }
```

Background

The CSS property to change the background color of an element to Hex C03636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C03636 }
```

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

```
.background{ background-color:#C03636 }
```

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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