

# Converting Colors

Hex(C03C41)

Have a look what the booklet for  
Hex(C03C41) contains.

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# Color

Hex(C03C41)

# Conversions

## Conversions Part 1

Format	Color
Hex	C03C41
RGB	192, 60, 65
RGB Percent	75%, 24%, 25%
CMY	0.2471, 0.7647, 0.7451
CMYK	0.00, 0.69, 0.66, 0.25
HSL	358°, 52%, 49%
HSV	358°, 69%, 75%
XYZ	24.3082, 14.8198, 6.5804
YIQ	100.0380, 77.0670, 29.5390

# Conversions

## Conversions Part 2

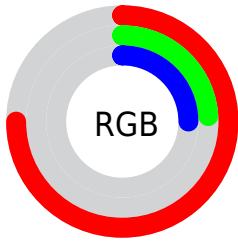
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	192, 60, 65
Decimal	12598337
CIE Lab	45.39, 52.78, 27.35
CIE LCh	45, 59.446, 27.395
Yxy	14.8198, 0.5318, 0.3242
Android (android.graphics.Color)	4290788417 (0xFFC03C41)
YUV	100.0380, -17.2737, 80.6507
Hunter-Lab	38.4965, 45.3429, 16.8129

# Details

The Hex color **C03C41** 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 **3CC0BB**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **FE7371**, and **830016** is the 20% darker color. If you saturate the color by 10%, you get **C0292F**, and if you desaturate by 10%, it is **C04F53**.

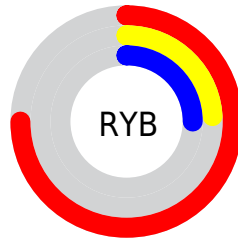
# Distribution



Red (75%)

Green (24%)

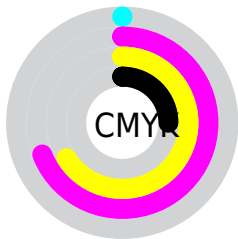
Blue (25%)



Red (75%)

Yellow (24%)

Blue (25%)

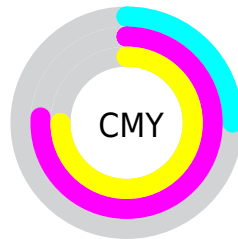


Cyan (0%)

Magenta (69%)

Yellow (66%)

Black (25%)



Cyan (25%)

Magenta (76%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C03C41 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 C03C41 by changing the saturation by 10% instead.



 C03C41

 C03C41

FFFFFF

 A21D2B

 FE7371

 830016

 FF8F8A

 660000

 FFABA5

 490000

 FFC7C0

 2D0001

 FFE4DC

 000000

 FFFFF8

 C03C41

 C03C41

 C0292F

 C04F53

 C0161C

 C06266

 C0020A

 C07678

 C00007

 C0898B

 C09C9D

 C0AFB0

 C0C2C2

 C0D6D5

 C0E9E7

# Harmonies

## Analogous

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



BF3472



C03C41



AA5311

# Triad

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



C03C41



007E32



0073CF

# Complementary

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



C03C41



3CC0BB

# 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.



007DBF



C03C41



008165

# Square

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



C03C41



557600



008198



5F60C4

# Rectangle

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



C03C41



936200



008198



0077CD



# Sweetspot

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



C03C41



FAC5C7



B93CC0



7D5E5F



FCFCFC



7D7D7D



# Same Dimension

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



C03C41



FA2A32



C0773C



615758



A10006



210001



# Inverse Universe

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



C03C41



FA2A32



3C85C0



615758



A10006



210001



# Previews

## White Background



This preview shows how the Hex color C03C41 looks on a white background.

## Color Contrast Check

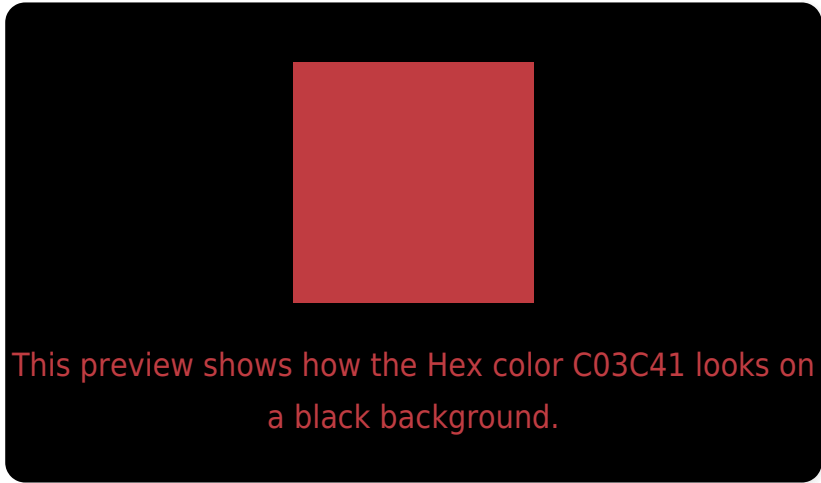
Large Text (above 18pt) WCAG AA ✓ Pass

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 C03C41 Background



This preview shows how black text looks on a background with the Hex color C03C41.



This preview shows how white text looks on a background with the Hex color C03C41.

# 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**  
C03C41

**Protanopia**  
736C54

**Deuteranopia**  
85673A



# Trichromacy



**Original Color**  
C03C41

**Protanomaly**  
8F5B4D

**Deuteranomaly**  
9A573D

**Tritanomaly**  
C03C40

# Monochromacy



**Original Color**  
C03C41

**Achromatopsia**  
646464

**Achromatomaly**  
855557

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C03C41 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 #C03C41 looks like.

```
.text, #text, p{  
    color:#C03C41  
}
```

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 #C03C41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C03C41
}
```

## Border

The CSS property to change the border of an element to Hex C03C41 is called "border". The border property can be set on classes, ids or directly on the HTML element.

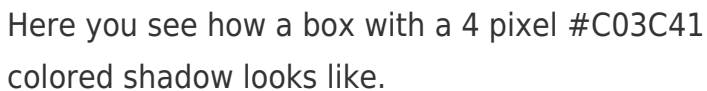
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C03C41 }
```

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

```
.border{ border-color:#C03C41 }
```

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



Here you see how a box with a 4 pixel `#C03C41` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C03C41; -webkit-box-shadow:4px 4px  
4px 4px #C03C41; box-shadow:4px 4px 4px  
4px #C03C41 }
```

# Background

The CSS property to change the background color of an element to Hex C03C41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C03C41 }
```

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

```
.background{ background-color:#C03C41 }
```

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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