

# Converting Colors

Hex(C63011)

Have a look what the booklet for  
Hex(C63011) contains.

<b>Hex(C63011)</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(C63011)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C63011
RGB	198, 48, 17
RGB Percent	78%, 19%, 7%
CMY	0.2235, 0.8118, 0.9333
CMYK	0.00, 0.76, 0.91, 0.22
HSL	10°, 84%, 42%
HSV	10°, 91%, 78%
XYZ	24.4468, 14.1601, 1.9750
YIQ	89.3160, 99.3510, 22.1590

# Conversions

## Conversions Part 2

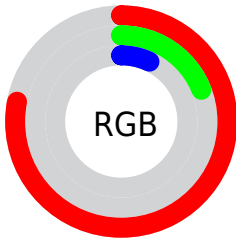
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	198, 54, 17
Decimal	12988433
CIE Lab	44.46, 57.37, 51.70
CIE LCh	44, 77.223, 42.023
Yxy	14.1601, 0.6024, 0.3489
Android (android.graphics.Color)	4291178513 (0xFFC63011)
YUV	89.3160, -35.6518, 95.3159
Hunter-Lab	37.6300, 50.1126, 23.2291

# Details

The Hex color **C63011** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **11A7C6**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF6A42**, and **870000** is the 20% darker color. If you saturate the color by 10%, you get **C62200**, and if you desaturate by 10%, it is **C64025**.

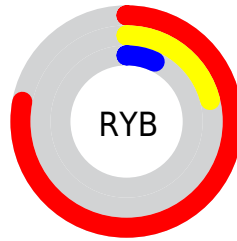
# Distribution



Red (78%)

Green (19%)

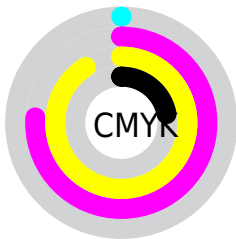
Blue (7%)



Red (78%)

Yellow (21%)

Blue (7%)

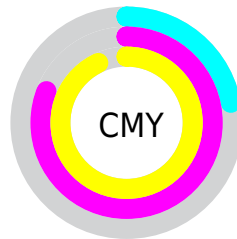


Cyan (0%)

Magenta (76%)

Yellow (91%)

Black (22%)



Cyan (22%)

Magenta (81%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C63011 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 C63011 by changing the saturation by 10% instead.



 C63011

 C63011

FFFFFFE

 A60500

 FF6A42

 870000

 FF865B

 680000

 FFA274

 4A0001

 FFBE8E

 2D0002

 FFDBA9

 000000

 FFF9C5

 FFFFE1

 C63011

 C63011

 C62200

 C64025

 C65139

 C6614C

 C67260

 C68274

 C69288

 C6A39C

 C6B3AF

 C6C4C3

# Harmonies

## Analogous

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



D60053



C63011



9F5700

# Triad

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



C63011



00813E



0069E9

# Complementary

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



C63011



11A7C6

# 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.



007BE5



C63011



008382

# Square

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



C63011



007B00



0083BF



8848CA

# Rectangle

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



C63011



7D6800



0083BF



0071EC



# Sweetspot

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



C63011



FFC6BA



C611A8



805E57



000000



808080



# Same Dimension

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



C63011



FF2C00



C68A11



635B5A



A31C00



240600

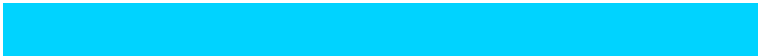


# Inverse Universe

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



11A7C6



00D3FF



114DC6



5A6263



0087A3



001E24



# Previews

## White Background



This preview shows how the Hex color C63011 looks on a white background.

## Color Contrast Check

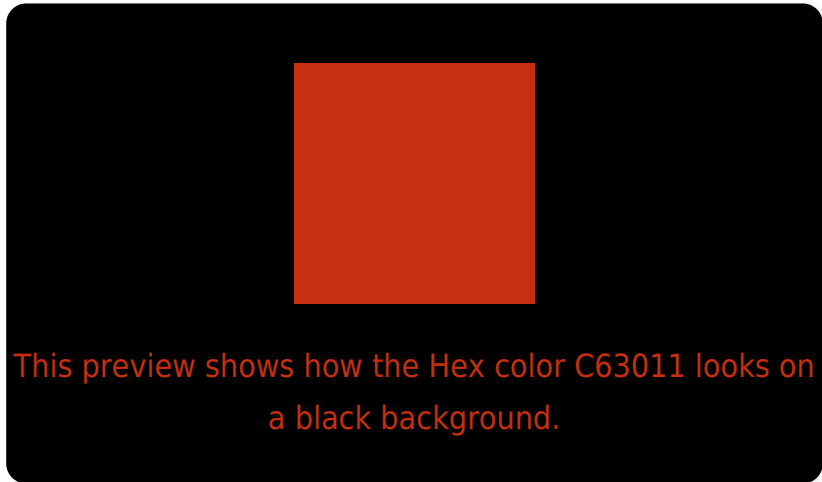
Large Text (above 18pt) WCAG AA ✓ Pass

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 C63011 Background



This preview shows how black text looks on a background with the Hex color C63011.



This preview shows how white text looks on a background with the Hex color C63011.

# 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



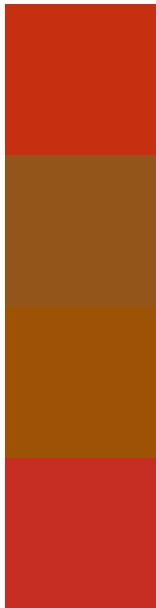
**Original Color**  
C63011

**Protanopia**  
776A1F

**Deuteranopia**  
866500



# Trichromacy



**Original Color**  
C63011

**Protanomaly**  
94551A

**Deuteranomaly**  
9D5206

**Tritanomaly**  
C72E23

# Monochromacy



**Original Color**  
C63011

**Achromatopsia**  
595959

**Achromatomaly**  
814A3F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C63011 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 #C63011 looks like.

```
.text, #text, p{  
    color:#C63011  
}
```

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 #C63011 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C63011
}
```

## Border

The CSS property to change the border of an element to Hex C63011 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
#C63011 }
```

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

```
.border{ border-color:#C63011 }
```

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

Here you see how a box with a 4 pixel #C63011 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C63011; -webkit-box-shadow:4px 4px  
4px 4px #C63011; box-shadow:4px 4px 4px  
4px #C63011 }
```

# Background

The CSS property to change the background color of an element to Hex C63011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C63011 }
```

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

```
.background{ background-color:#C63011 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor