

Converting Colors

Hex(C63B11)

Have a look what the booklet for
Hex(C63B11) contains.

Hex(C63B11)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C63B11)

Conversions

Conversions Part 1

Format	Color
Hex	C63B11
RGB	198, 59, 17
RGB Percent	78%, 23%, 7%
CMY	0.2235, 0.7686, 0.9333
CMYK	0.00, 0.70, 0.91, 0.22
HSL	14°, 84%, 42%
HSV	14°, 91%, 78%
XYZ	24.9538, 15.1742, 2.1440
YIQ	95.7730, 96.3260, 16.4060

Conversions

Conversions Part 2

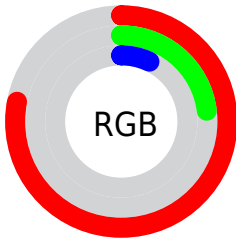
Format	Color
RYB	198, 72, 17
Decimal	12991249
CIELab	45.87, 53.47, 52.67
CIElCh	46, 75.055, 44.566
Yxy	15.1742, 0.5903, 0.3590
Android (android.graphics.Color)	4291181329 (0xFFC63B11)
YUV	95.7730, -38.8351, 89.6531
Hunter-Lab	38.9540, 46.1770, 24.0045

Details

The Hex color **C63B11** 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 **119CC6**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FF7243**, and **870000** is the 20% darker color. If you saturate the color by 10%, you get **C62E00**, and if you desaturate by 10%, it is **C64A25**.

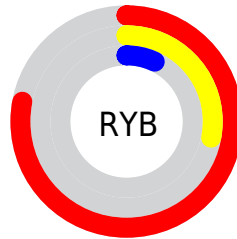
Distribution



Red (78%)

Green (23%)

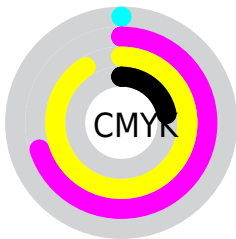
Blue (7%)



Red (78%)

Yellow (28%)

Blue (7%)

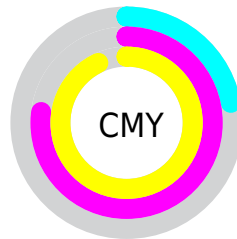


Cyan (0%)

Magenta (70%)

Yellow (91%)

Black (22%)



Cyan (22%)

Magenta (77%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color C63B11 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 C63B11 by changing the saturation by 10% instead.

 C63B11

 C63B11

FFFFFF

 A61C00

 FF7243

 870000

 FF8E5C

 680000

 FFAA76

 4B0000

 FFC690

 2F0002

 FFE3AB

 000000

 FFFFC7

 FFFF E3

 C63B11

 C63B11

 C62E00

 C64A25

 C65939

 C6694C

 C67860

 C68774

 C69688

 C6A59C

 C6B5AF

 C6C4C3

Harmonies

Analogous

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



D80251



C63B11



9F5E00

Triad

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



C63B11



008549



006BE8

Complementary

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



C63B11



119CC6

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.



007DE7



C63B11



00878B

Square

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



C63B11



007F00



0085C5



934AC7

Rectangle

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



C63B11



7C6D00



0085C5



0072EC

Sweetspot

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



C63B11



FFCABA



C6119F



806057



000000



808080

Same Dimension

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



C63B11



FF3B00



C69311



635C5A



A32600



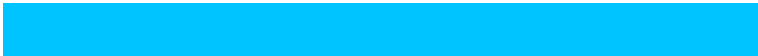
240800

Inverse Universe

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



119CC6



00C4FF



1144C6



5A6163



007DA3



001B24

Previews

White Background



This preview shows how the Hex color C63B11 looks on a white background.

Color Contrast Check

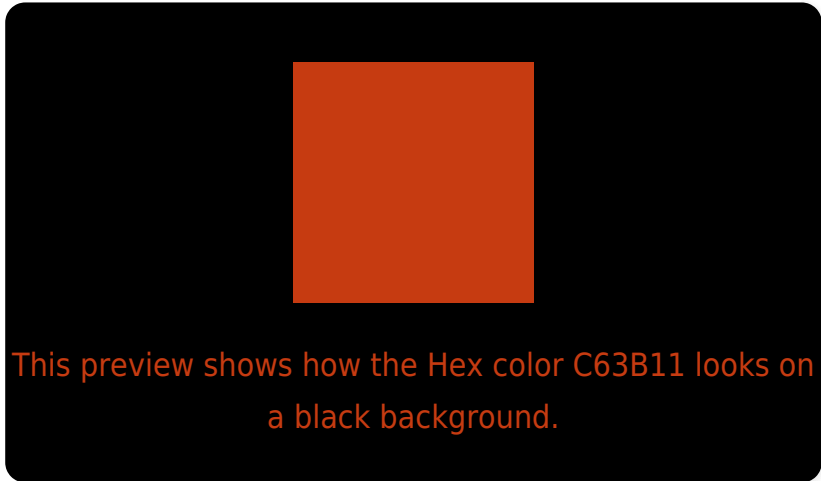
Large Text (above 18pt) WCAG AA ✓ Pass

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 C63B11 Background



This preview shows how black text looks on a background with the Hex color C63B11.



This preview shows how white text looks on a background with the Hex color C63B11.

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
C63B11

Protanopia
7B6E1E

Deuteranopia
8A6800

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C63B11 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 #C63B11 looks like.

```
.text, #text, p{  
    color:#C63B11  
}
```

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 #C63B11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C63B11
}
```

Border

The CSS property to change the border of an element to Hex C63B11 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".

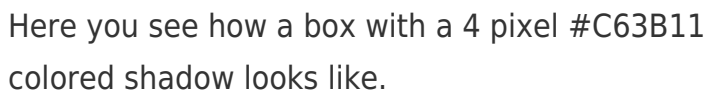
```
.border, #border, table{ border:4px solid
#C63B11 }
```

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

```
.border{ border-color:#C63B11 }
```

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

Here you see how a box with a 4 pixel #C63B11 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C63B11; -webkit-box-shadow:4px 4px  
4px 4px #C63B11; box-shadow:4px 4px 4px  
4px #C63B11 }
```

Background

The CSS property to change the background color of an element to Hex C63B11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C63B11 }
```

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

```
.background{ background-color:#C63B11 }
```

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