

# Converting Colors

Hex(C62B11)

Have a look what the booklet for  
Hex(C62B11) contains.

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# Color

**Hex(C62B11)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C62B11
RGB	198, 43, 17
RGB Percent	78%, 17%, 7%
CMY	0.2235, 0.8314, 0.9333
CMYK	0.00, 0.78, 0.91, 0.22
HSL	9°, 84%, 42%
HSV	9°, 91%, 78%
XYZ	24.2538, 13.7740, 1.9106
YIQ	86.3810, 100.7260, 24.7740

# Conversions

## Conversions Part 2

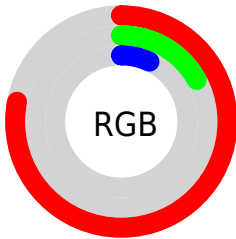
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	198, 47, 17
Decimal	12987153
CIE Lab	43.91, 58.92, 51.32
CIE LCh	44, 78.133, 41.054
Yxy	13.7740, 0.6073, 0.3449
Android (android.graphics.Color)	4291177233 (0xFFC62B11)
YUV	86.3810, -34.2048, 97.8899
Hunter-Lab	37.1133, 51.7024, 22.9270

# Details

The Hex color **C62B11** 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 **11ACC6**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **FF6642**, and **870000** is the 20% darker color. If you saturate the color by 10%, you get **C61C00**, and if you desaturate by 10%, it is **C63C25**.

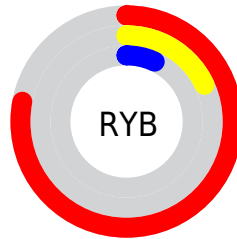
# Distribution



Red (78%)

Green (17%)

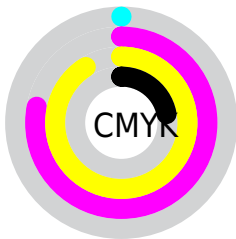
Blue (7%)



Red (78%)

Yellow (18%)

Blue (7%)

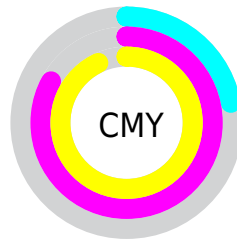


Cyan (0%)

Magenta (78%)

Yellow (91%)

Black (22%)



Cyan (22%)

Magenta (83%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C62B11 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 C62B11 by changing the saturation by 10% instead.



 C62B11

 C62B11

FFFFFFE

 A60000

 FF6642

 870000

 FF825A

 670000

 FF9E74

 4A0001

 FFBB8E

 2D0001

 FFD8A9

 000000

 FFF6C4

 FFFFE1

 C62B11

 C62B11

 C61C00

 C63C25

 C64D39

 C65E4C

 C66F60

 C68074

 C69188

 C6A29C

 C6B3AF

 C6C4C3

# Harmonies

## Analogous

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



D50053



C62B11



A05500

# Triad

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



C62B11



00803A



0069EA

# Complementary

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



C62B11



11ACC6

# 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.



007BE4



C62B11



00827F

# Square

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



C62B11



027A00



0081BD



8448CB

# Rectangle

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



C62B11



7D6600



0081BD



0070EC



# Sweetspot

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



C62B11



FFC4BA



C611AE



805D57



000000



808080



# Same Dimension

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



C62B11



FF2500



C68411



635B5A



A31700



240500

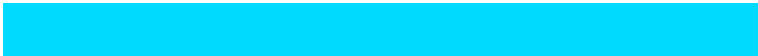


# Inverse Universe

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



11ACC6



00DAFF



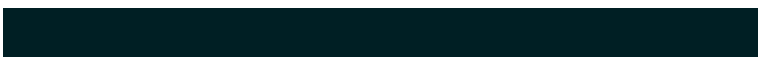
1153C6



5A6263



008CA3



001F24



# Previews

## White Background



This preview shows how the Hex color C62B11 looks on a white background.

## Color Contrast Check

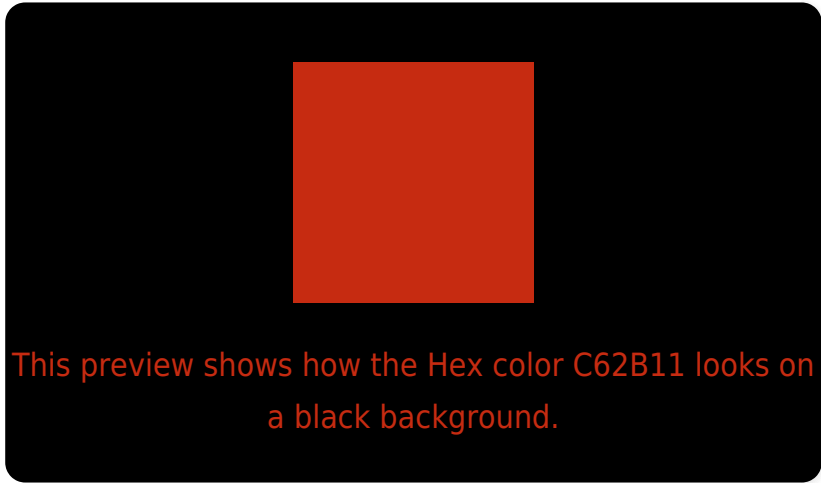
Large Text (above 18pt) WCAG AA ✓ Pass

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 C62B11 Background



This preview shows how black text looks on a background with the Hex color C62B11.



This preview shows how white text looks on a background with the Hex color C62B11.

# 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**  
C62B11

**Protanopia**  
756920

**Deuteranopia**  
846400



**Tritanopia**  
C62929

# Trichromacy



**Original Color**  
C62B11

**Protanomaly**  
92521B

**Deuteranomaly**  
9C4F06

**Tritanomaly**  
C62A20

# Monochromacy



**Original Color**  
C62B11

**Achromatopsia**  
565656

**Achromatomaly**  
7F463D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C62B11 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 #C62B11 looks like.

```
.text, #text, p{  
    color:#C62B11  
}
```

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 #C62B11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C62B11
}
```

## Border

The CSS property to change the border of an element to Hex C62B11 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".

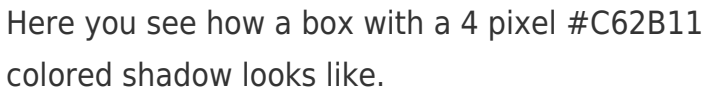
```
.border, #border, table{ border:4px solid
#C62B11 }
```

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

```
.border{ border-color:#C62B11 }
```

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

Here you see how a box with a 4 pixel #C62B11 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C62B11; -webkit-box-shadow:4px 4px  
4px 4px #C62B11; box-shadow:4px 4px 4px  
4px #C62B11 }
```

# Background

The CSS property to change the background color of an element to Hex C62B11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C62B11 }
```

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

```
.background{ background-color:#C62B11 }
```

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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