

# Converting Colors

Hex(62311C)

Have a look what the booklet for  
Hex(62311C) contains.

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**Color**

**Hex(62311C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	62311C
RGB	98, 49, 28
RGB Percent	38%, 19%, 11%
CMY	0.6157, 0.8078, 0.8902
CMYK	0.00, 0.50, 0.71, 0.62
HSL	18°, 56%, 25%
HSV	18°, 71%, 38%
XYZ	6.3449, 4.8771, 1.7056
YIQ	61.2570, 35.9450, 3.8570

# Conversions

## Conversions Part 2

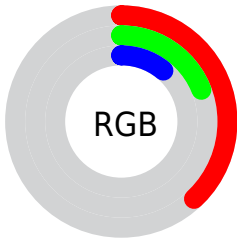
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 58, 28
Decimal	6435100
CIELab	26.38, 20.15, 23.03
CIELCh	26, 30.601, 48.816
Yxy	4.8771, 0.4908, 0.3773
Android (android.graphics.Color)	4284625180 (0xFF62311C)
YUV	61.2570, -16.3957, 32.2236
Hunter-Lab	22.0842, 12.6366, 10.8800

# Details

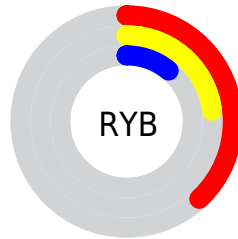
The Hex color **62311C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1C4D62**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **986048**, and **2F0500** is the 20% darker color. If you saturate the color by 10%, you get **622A12**, and if you desaturate by 10%, it is **623826**.

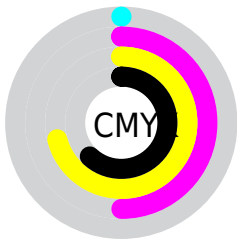
# Distribution



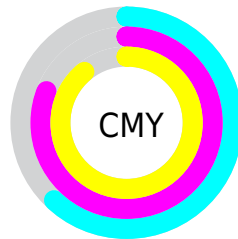
- Red (38%)
- Green (19%)
- Blue (11%)



- Red (38%)
- Yellow (23%)
- Blue (11%)



- Cyan (0%)
- Magenta (50%)
- Yellow (71%)
- Black (62%)



- Cyan (62%)
- Magenta (81%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62311C 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 62311C by changing the saturation by 10% instead.



 62311C

 62311C

FFFFFF

 481B04

 986048

 2F0500

 B47960

 0C0000

 D19379

 000000

 EEAE93

 FFC9AE

 FFE6C9

 FFFFE5

 62311C

 62311C

■ 622A12

■ 623826

■ 622308

■ 623F30

■ 621D00

■ 624639

■ 624C43

■ 62534D

■ 625A57

■ 626161

■ 62686A

■ 626F74

# Harmonies

## Analogous

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



692A31



62311C



523A0E

# Triad

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



62311C



004935



2F3C6B

# Complementary

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



62311C



1C4D62

# 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.



00446C



62311C



004A4D

# Square

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



62311C



21471E



004861



52325D

# Rectangle

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



62311C



443F0C



004861



1D3F6D



# Sweetspot

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



62311C



806D65



621C4D



403530



BFBFBF



404040



# Same Dimension

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



62311C



803312



62541C



302D2C



702200



F04800



# Inverse Universe

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



1C4D62



125F80



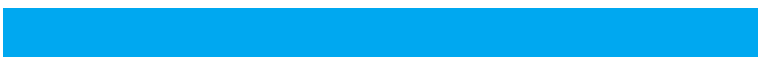
1C2A62



2C2F30



004F70



00A8F0



# Previews

## White Background



This preview shows how the Hex color 62311C looks on a white background.

## Color Contrast Check

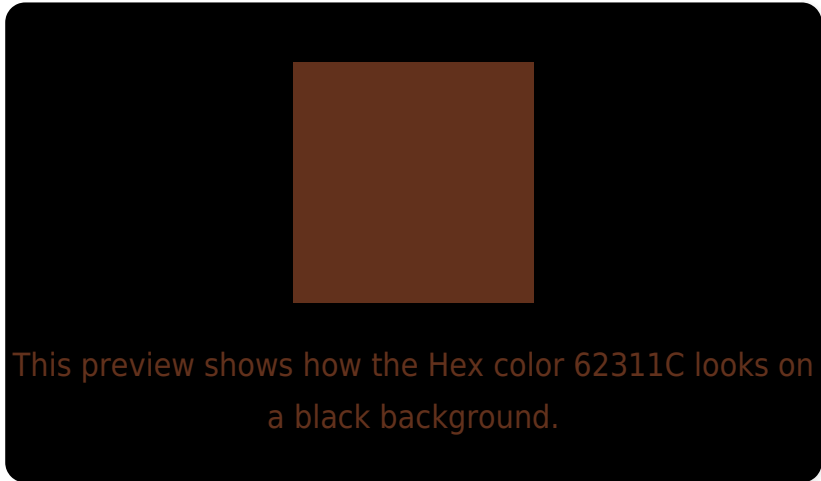
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

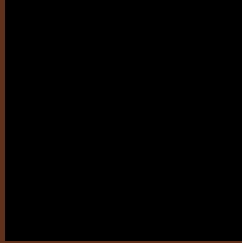
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 62311C Background



This preview shows how black text looks on a background with the Hex color 62311C.



This preview shows how white text looks on a background with the Hex color 62311C.

# 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**  
62311C

**Protanopia**  
463F20

**Deuteranopia**  
4F3C19



**Tritanopia**  
632E32

# Trichromacy



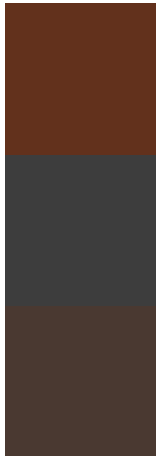
**Original Color**  
62311C

**Protanomaly**  
503A1F

**Deuteranomaly**  
56381A

**Tritanomaly**  
632F2A

# Monochromacy



**Original Color**  
62311C

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
4A3931

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62311C 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 #62311C looks like.

```
.text, #text, p{  
    color:#62311C  
}
```

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 #62311C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62311C }  
}
```

## Border

The CSS property to change the border of an element to Hex 62311C is called "border". The border property can be set on classes, ids or directly on the HTML element.

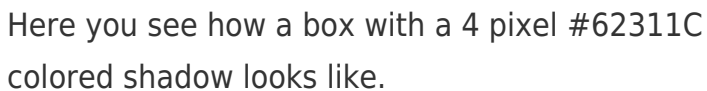
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #62311C }  
}
```

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

```
.border{ border-color:#62311C }
```

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



Here you see how a box with a 4 pixel #62311C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62311C; -webkit-box-shadow:4px 4px  
4px 4px #62311C; box-shadow:4px 4px 4px  
4px #62311C }
```

# Background

The CSS property to change the background color of an element to Hex 62311C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62311C }
```

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

```
.background{ background-color:#62311C }
```

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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