

Converting Colors

Hex(66311B)

Have a look what the booklet for
Hex(66311B) contains.

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Color

Hex(66311B)

Conversions

Conversions Part 1

Format	Color
Hex	66311B
RGB	102, 49, 27
RGB Percent	40%, 19%, 11%
CMY	0.6000, 0.8078, 0.8941
CMYK	0.00, 0.52, 0.74, 0.60
HSL	18°, 58%, 25%
HSV	18°, 74%, 40%
XYZ	6.7756, 5.1005, 1.6643
YIQ	62.3390, 38.6500, 4.3940

Conversions

Conversions Part 2

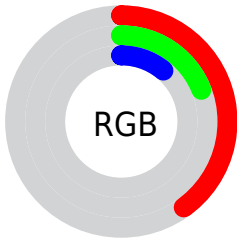
Format	Color
R_{YB}	102, 58, 27
Decimal	6697243
CIE _{Lab}	27.02, 21.89, 24.54
CIE _{LCh}	27, 32.883, 48.260
Yxy	5.1005, 0.5004, 0.3767
Android (android.graphics.Color)	4284887323 (0xFF66311B)
YUV	62.3390, -17.4221, 34.7827
Hunter-Lab	22.5844, 14.0299, 11.4398

Details

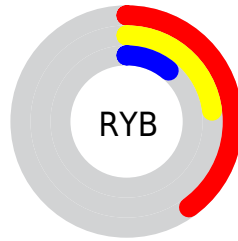
The Hex color **66311B** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1B5066**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **9D6047**, and **320500** is the 20% darker color. If you saturate the color by 10%, you get **662A11**, and if you desaturate by 10%, it is **663825**.

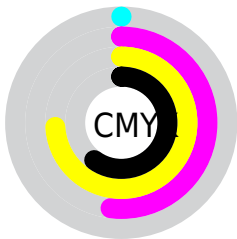
Distribution



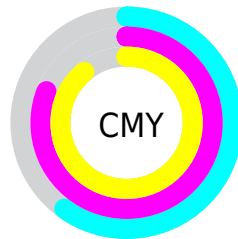
- Red (40%)
- Green (19%)
- Blue (11%)



- Red (40%)
- Yellow (23%)
- Blue (11%)



- Cyan (0%)
- Magenta (52%)
- Yellow (74%)
- Black (60%)



- Cyan (60%)
- Magenta (81%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66311B 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 66311B by changing the saturation by 10% instead.

 66311B

 66311B

FFFFFF

 4C1B02

 9D6047

 320500

 B9795F

 140000

 D69378

 000000

 F3AE92

 FFCAAD

 FFE6C8

 FFFFE4

 66311B

 66311B

■ 662A11

■ 663825

■ 662307

■ 663F2F

■ 661E00

■ 66473A

■ 664E44

■ 66554E

■ 665C58

■ 666362

■ 666B6D

■ 667277

Harmonies

Analogous

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



6E2932



66311B



553B0B

Triad

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



66311B



004B35



2E3D70

Complementary

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



66311B



1B5066

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.



004671



66311B



004C4F

Square

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



66311B



20491C



004A65



543262

Rectangle

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



66311B



464108



004A65



174072

Sweetspot

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



66311B



857067



661B51



423631



C2C2C2



424242

Same Dimension

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



66311B



853210



66561B



332F2E



732200



F24700

Inverse Universe

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



1B5066



106285



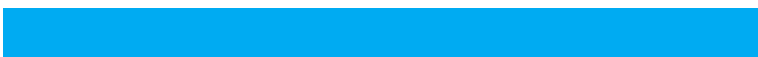
1B2B66



2E3233



005173



00ABF2

Previews

White Background



This preview shows how the Hex color 66311B looks on a white background.

Color Contrast Check

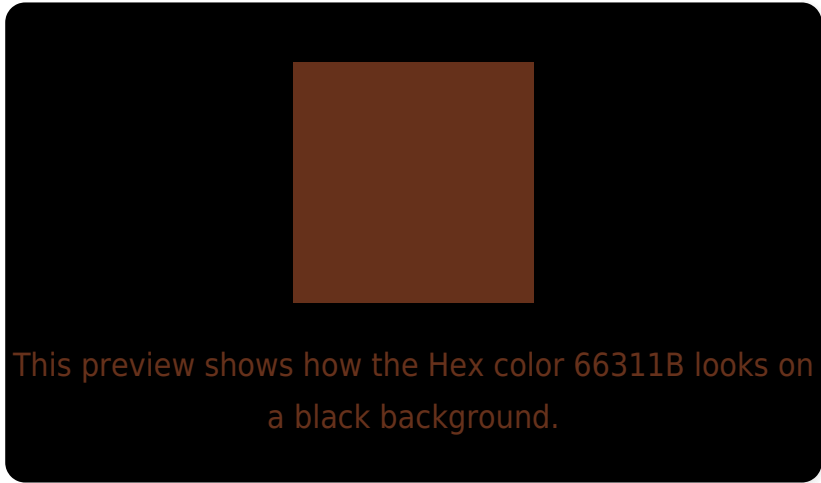
Large Text (above 18pt) WCAG AA ✓ Pass

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

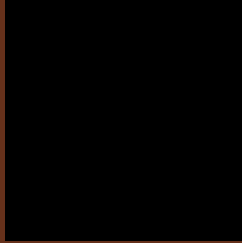
Any Text WCAG AA × Fail

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 66311B Background



This preview shows how black text looks on a background with the Hex color 66311B.



This preview shows how white text looks on a background with the Hex color 66311B.

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
66311B

Protanopia
474120

Deuteranopia
513D18



Tritanopia
672E32

Trichromacy



Original Color
66311B

Protanomaly
523B1E

Deuteranomaly
593919

Tritanomaly
672F2A

Monochromacy



Original Color
66311B

Achromatopsia
3E3E3E

Achromatomaly
4D3931

CSS Examples

Text

The CSS property to change the color of the text to Hex 66311B 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 #66311B looks like.

```
.text, #text, p{  
    color:#66311B  
}
```

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 #66311B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66311B
}
```

Border

The CSS property to change the border of an element to Hex 66311B is called "border". The border property can be set on classes, ids or directly on the HTML element.

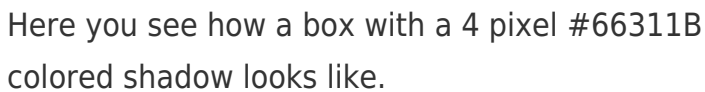
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#66311B }
```

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

```
.border{ border-color:#66311B }
```

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



Here you see how a box with a 4 pixel #66311B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66311B; -webkit-box-shadow:4px 4px  
4px 4px #66311B; box-shadow:4px 4px 4px  
4px #66311B }
```

Background

The CSS property to change the background color of an element to Hex 66311B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66311B }
```

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

```
.background{ background-color:#66311B }
```

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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