

Converting Colors

Hex(66291B)

Have a look what the booklet for
Hex(66291B) contains.

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Color

Hex(66291B)

Conversions

Conversions Part 1

Format	Color
Hex	66291B
RGB	102, 41, 27
RGB Percent	40%, 16%, 11%
CMY	0.6000, 0.8392, 0.8941
CMYK	0.00, 0.60, 0.74, 0.60
HSL	11°, 58%, 25%
HSV	11°, 74%, 40%
XYZ	6.4703, 4.4898, 1.5625
YIQ	57.6430, 40.8500, 8.5780

Conversions

Conversions Part 2

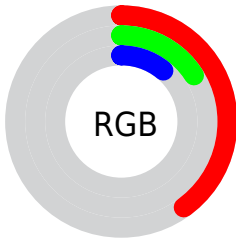
Format	Color
R_{YB}	102, 44, 27
Decimal	6695195
CIE Lab	25.23, 26.45, 22.48
CIE LCh	25, 34.712, 40.368
Yxy	4.4898, 0.5167, 0.3585
Android (android.graphics.Color)	4284885275 (0xFF66291B)
YUV	57.6430, -15.1070, 38.9011
Hunter-Lab	21.1891, 17.4254, 10.4603

Details

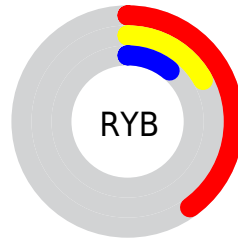
The Hex color **66291B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1B5866**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **9D5847**, and **320000** is the 20% darker color. If you saturate the color by 10%, you get **662111**, and if you desaturate by 10%, it is **663125**.

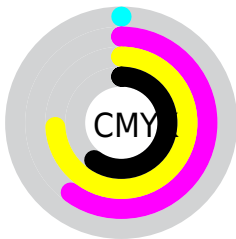
Distribution



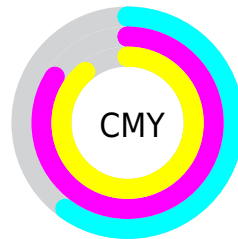
- Red (40%)
- Green (16%)
- Blue (11%)



- Red (40%)
- Yellow (17%)
- Blue (11%)



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



- Cyan (60%)
- Magenta (84%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66291B 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 66291B by changing the saturation by 10% instead.

 66291B

 66291B

FFFFFF

 4C1202

 9D5847

 320000

 BA725F

 0F0000

 D78B78

 000000

 F4A691

 FFC1AC

 FFDEC7

 FFFAE3

 66291B

 66291B

■ 662111

■ 663125

■ 661807

■ 663A2F

■ 661300

■ 66423A

■ 664A44

■ 66524E

■ 665B58

■ 666362

■ 666B6D

■ 667477

Harmonies

Analogous

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



6B2234



66291B



573406

Triad

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



66291B



004729



103C70

Complementary

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



66291B



1B5866

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.



00436D



66291B



004844

Square

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



66291B



234410



00475D



493164

Rectangle

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



66291B



483B00



00475D



003F70

Sweetspot

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



66291B



856D67



661B58



423431



C2C2C2



424242

Same Dimension

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



66291B



852610



664E1B



332F2E



731500



F22D00

Inverse Universe

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



1B5866



106F85



1B3366



2E3233



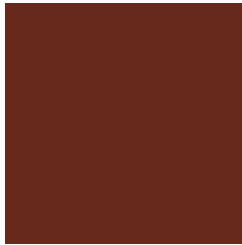
005D73



00C5F2

Previews

White Background



This preview shows how the Hex color 66291B looks on a white background.

Color Contrast Check

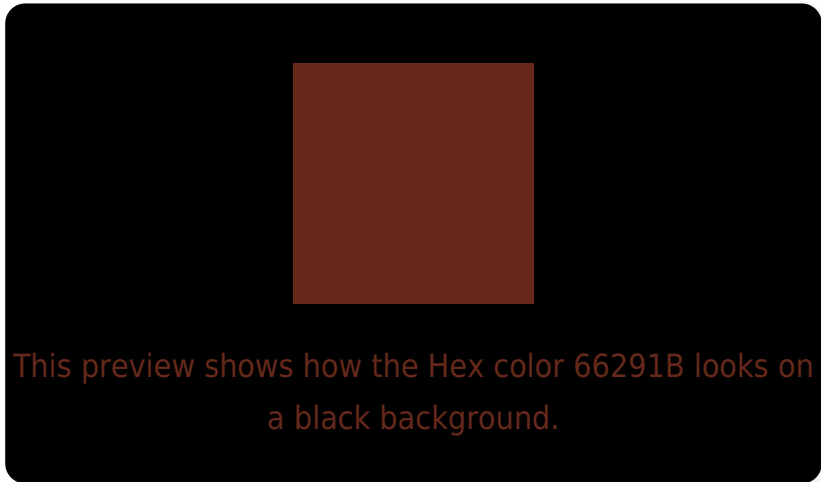
Large Text (above 18pt) WCAG AA ✓ Pass

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 66291B Background



This preview shows how black text looks on a background with the Hex color 66291B.

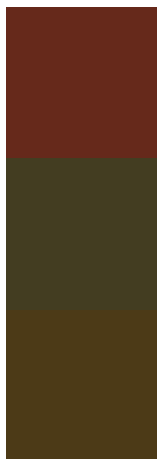


This preview shows how white text looks on a background with the Hex color 66291B.

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
66291B

Protanopia
433D21

Deuteranopia
4C3A17



Tritanopia
67272A

Trichromacy



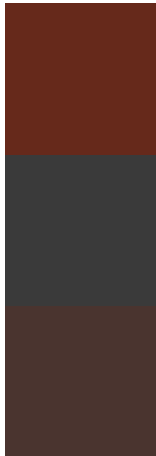
Original Color
66291B

Protanomaly
50361F

Deuteranomaly
553418

Tritanomaly
672825

Monochromacy



Original Color
66291B

Achromatopsia
3A3A3A

Achromatomaly
4A342F

CSS Examples

Text

The CSS property to change the color of the text to Hex 66291B 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 #66291B looks like.

```
.text, #text, p{  
    color:#66291B  
}
```

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 #66291B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66291B
}
```

Border

The CSS property to change the border of an element to Hex 66291B 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".

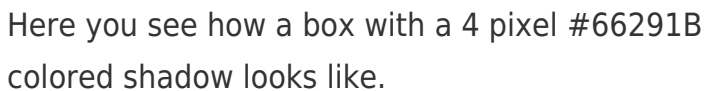
```
.border, #border, table{ border:4px solid
#66291B }
```

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

```
.border{ border-color:#66291B }
```

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

Here you see how a box with a 4 pixel #66291B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66291B; -webkit-box-shadow:4px 4px  
4px 4px #66291B; box-shadow:4px 4px 4px  
4px #66291B }
```

Background

The CSS property to change the background color of an element to Hex 66291B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66291B }
```

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

```
.background{ background-color:#66291B }
```

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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