

Converting Colors

Hex(B1671B)

Have a look what the booklet for
Hex(B1671B) contains.

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Color

Hex(B1671B)

Conversions

Conversions Part 1

Format	Color
Hex	B1671B
RGB	177, 103, 27
RGB Percent	69%, 40%, 11%
CMY	0.3059, 0.5961, 0.8941
CMYK	0.00, 0.42, 0.85, 0.31
HSL	30°, 74%, 40%
HSV	30°, 85%, 69%
XYZ	23.1795, 19.1267, 3.5070
YIQ	116.4620, 68.5000, -7.9480

Conversions

Conversions Part 2

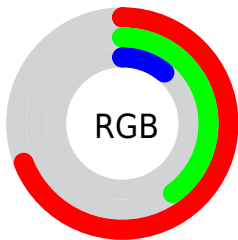
Format	Color
R _Y B	173, 177, 27
Decimal	11626267
CIE Lab	50.84, 24.30, 51.60
CIE LCh	51, 57.036, 64.779
Yxy	19.1267, 0.5060, 0.4175
Android (android.graphics.Color)	4289816347 (0xFFB1671B)
YUV	116.4620, -44.1048, 53.0918
Hunter-Lab	43.7341, 18.0721, 25.8594

Details

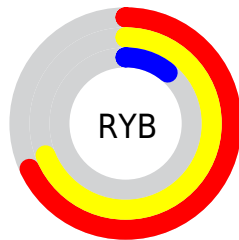
The Hex color **B1671B** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1B65B1**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **EE9B4E**, and **773700** is the 20% darker color. If you saturate the color by 10%, you get **B15E09**, and if you desaturate by 10%, it is **B1702D**.

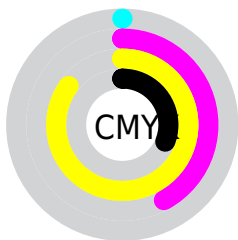
Distribution



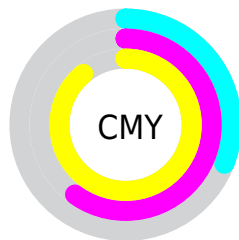
- Red (69%)
- Green (40%)
- Blue (11%)



- Red (68%)
- Yellow (69%)
- Blue (11%)



- Cyan (0%)
- Magenta (42%)
- Yellow (85%)
- Black (31%)



- Cyan (31%)
- Magenta (60%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1671B 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 B1671B by changing the saturation by 10% instead.

 B1671B

 B1671B

FFFFFF

 934F00

 EE9B4E

 773700

 FFB668

 5A2100

 FFD182

 3E0A00

 FFEE9D

 270001

 FFFFB9

 000000

 FFFF5D

 FFFFF2

 B1671B

 B1671B

 B15E09

 B1702D

 B15A00

 B1783E

 B18150

 B18A62

 B19373

 B19B85

 B1A497

 B1ADA9

 B1B6BA

Harmonies

Analogous

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



CA5244



B1671B



8A7900

Triad

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



B1671B



009080



8469CA

Complementary

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



B1671B



1B65B1

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.



007CDA



B1671B



008FAF

Square

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



B1671B



008D4D



0089D1



B952A3

Rectangle

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



B1671B



6A8211



0089D1



6870D2

Sweetspot

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



B1671B



E6C9AC



B11B66



736250



F2F2F2



737373

Same Dimension

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



B1671B



E67400



B1B11B



595550



994E00



1A0D00

Inverse Universe

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



1B65B1



0071E6



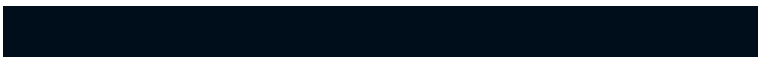
1B1BB1



505559



004B99



000D1A

Previews

White Background



This preview shows how the Hex color B1671B looks on a white background.

Color Contrast Check

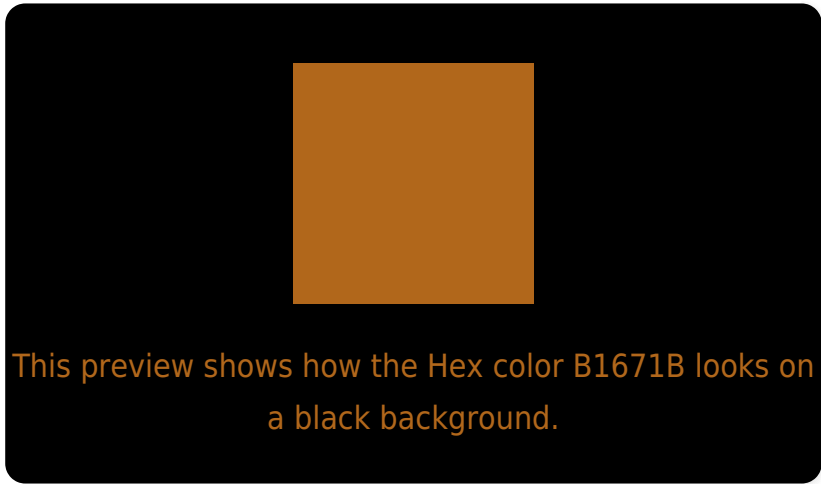
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

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

Hex B1671B Background



This preview shows how black text looks on a background with the Hex color B1671B.



This preview shows how white text looks on a background with the Hex color B1671B.

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
B1671B

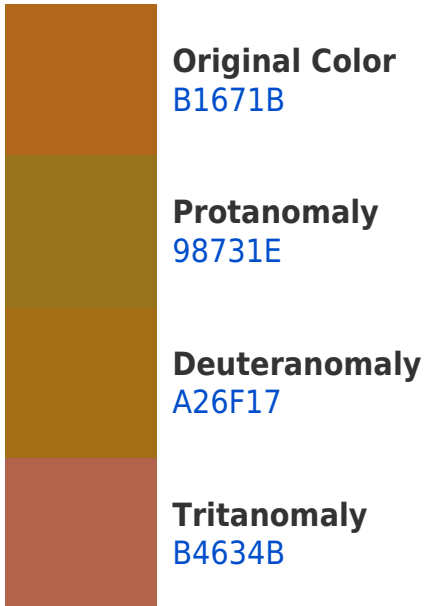
Protanopia
897A20

Deuteranopia
997314

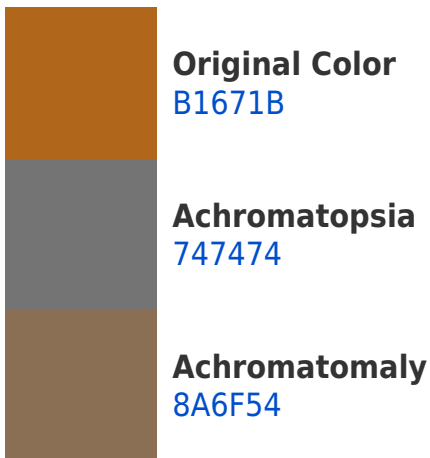


Tritanopia
B56067

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1671B 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 #B1671B looks like.

```
.text, #text, p{  
    color:#B1671B  
}
```

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 #B1671B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1671B
}
```

Border

The CSS property to change the border of an element to Hex B1671B 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
#B1671B }
```

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

```
.border{ border-color:#B1671B }
```

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

Here you see how a box with a 4 pixel #B1671B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1671B; -webkit-box-shadow:4px 4px  
4px 4px #B1671B; box-shadow:4px 4px 4px  
4px #B1671B }
```

Background

The CSS property to change the background color of an element to Hex B1671B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1671B }
```

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

```
.background{ background-color:#B1671B }
```

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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