

Converting Colors

Hex(BD561B)

Have a look what the booklet for
Hex(BD561B) contains.

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Color

Hex(BD561B)

Conversions

Conversions Part 1

Format	Color
Hex	BD561B
RGB	189, 86, 27
RGB Percent	74%, 34%, 11%
CMY	0.2588, 0.6627, 0.8941
CMYK	0.00, 0.54, 0.86, 0.26
HSL	22°, 75%, 42%
HSV	22°, 86%, 74%
XYZ	24.5119, 17.5535, 3.1332
YIQ	110.0710, 80.3270, 3.4870

Conversions

Conversions Part 2

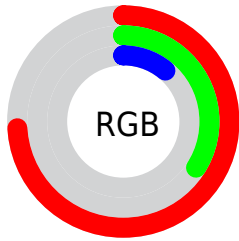
Format	Color
R _Y B	189, 120, 27
Decimal	12408347
CIE Lab	48.95, 38.30, 50.70
CIE LCh	49, 63.539, 52.927
Yxy	17.5535, 0.5423, 0.3884
Android (android.graphics.Color)	4290598427 (0xFFBD561B)
YUV	110.0710, -40.9540, 69.2207
Hunter-Lab	41.8969, 31.1122, 24.8940

Details

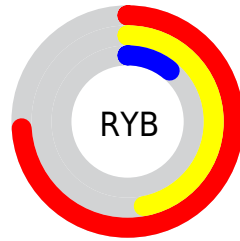
The Hex color **BD561B** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **1B82BD**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FB8A4D**, and **812300** is the 20% darker color. If you saturate the color by 10%, you get **BD4A08**, and if you desaturate by 10%, it is **BD622E**.

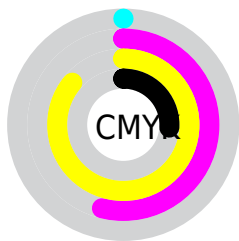
Distribution



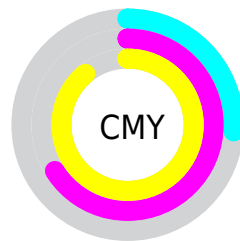
- Red (74%)
- Green (34%)
- Blue (11%)



- Red (74%)
- Yellow (47%)
- Blue (11%)



- Cyan (0%)
- Magenta (54%)
- Yellow (86%)
- Black (26%)



- Cyan (26%)
- Magenta (66%)
- Yellow (89%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD561B 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 BD561B by changing the saturation by 10% instead.

 BD561B

 BD561B

FFFFFF

 9E3D00

 FB8A4D

 812300

 FFA566

 630500

 FFC180

 460000

 FFDD9B

 2D0002

 FFFAB6

 000000

 FFFFD2

 FFFFEE

 BD561B

 BD561B

 BD4A08

 BD622E

 BD4500

 BD6E41

 BD7A54

 BD8667

 BD927A

 BD9E8C

 BDAA9F

 BDB6B2

 BDC2C5

Harmonies

Analogous

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



D13D4E



BD561B



976D00

Triad

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



BD561B



008C65



556CD8

Complementary

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



BD561B



1B82BD

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.



007FE0



BD561B



008C9D

Square

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



BD561B



00872E



0089CA



A851B6

Rectangle

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



BD561B



777900



0089CA



0273DE

Sweetspot

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



BD561B



F5CCB5



BD1B84



7A6254



FAFAFA



7A7A7A

Same Dimension

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



BD561B



F55900



BDA51B



5E5855



9E3A00



1F0B00

Inverse Universe

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



1B82BD



009CF5



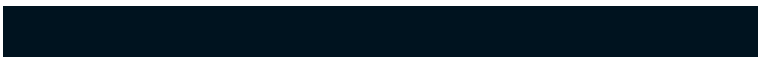
1B33BD



555B5E



00659E



00131F

Previews

White Background



This preview shows how the Hex color BD561B looks on a white background.

Color Contrast Check

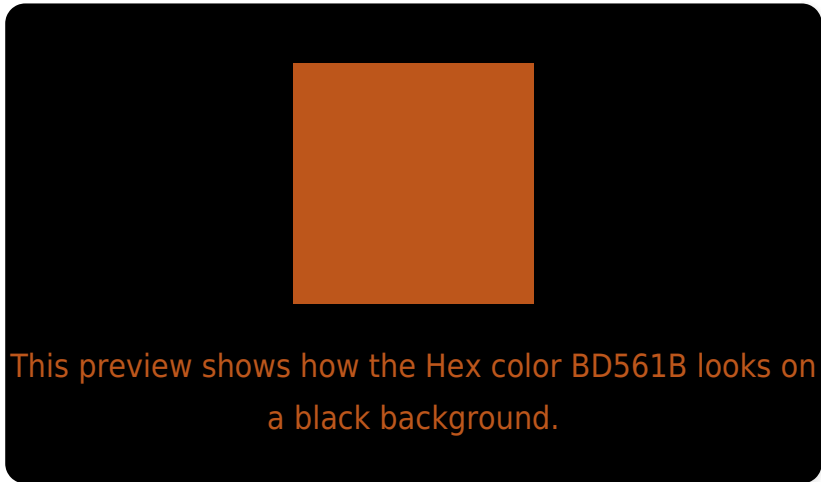
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 BD561B Background



This preview shows how black text looks on a background with the Hex color BD561B.



This preview shows how white text looks on a background with the Hex color BD561B.

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

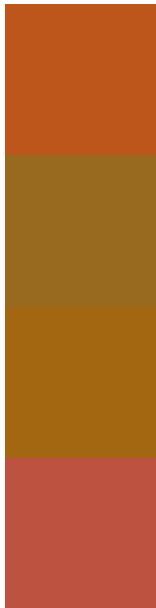


Original Color
BD561B

Protanopia
837523

Deuteranopia
946F0B

Trichromacy



Original Color
BD561B

Protanomaly
986A20

Deuteranomaly
A36611

Tritanomaly
BE5241

Monochromacy



Original Color
BD561B

Achromatopsia
6E6E6E

Achromatomaly
8B6550

CSS Examples

Text

The CSS property to change the color of the text to Hex BD561B 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 #BD561B looks like.

```
.text, #text, p{  
    color:#BD561B  
}
```

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 #BD561B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD561B
}
```

Border

The CSS property to change the border of an element to Hex BD561B 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
#BD561B }
```

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

```
.border{ border-color:#BD561B }
```

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

Here you see how a box with a 4 pixel #BD561B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD561B; -webkit-box-shadow:4px 4px  
4px 4px #BD561B; box-shadow:4px 4px 4px  
4px #BD561B }
```

Background

The CSS property to change the background color of an element to Hex BD561B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD561B }
```

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

```
.background{ background-color:#BD561B }
```

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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