

Converting Colors

Hex(BD651D)

Have a look what the booklet for
Hex(BD651D) contains.

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Color

Hex(BD651D)

Conversions

Conversions Part 1

Format	Color
Hex	BD651D
RGB	189, 101, 29
RGB Percent	74%, 40%, 11%
CMY	0.2588, 0.6039, 0.8863
CMYK	0.00, 0.47, 0.85, 0.26
HSL	27°, 73%, 43%
HSV	27°, 85%, 74%
XYZ	25.8617, 20.2149, 3.7012
YIQ	119.1040, 75.5600, -3.7360

Conversions

Conversions Part 2

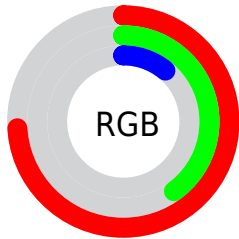
Format	Color
R_{YB}	189, 160, 29
Decimal	12412189
CIE _{Lab}	52.08, 30.55, 52.59
CIE _{LCh}	52, 60.822, 59.845
Yxy	20.2149, 0.5195, 0.4061
Android (android.graphics.Color)	4290602269 (0xFFBD651D)
YUV	119.1040, -44.4213, 61.2988
Hunter-Lab	44.9610, 23.9922, 26.5919

Details

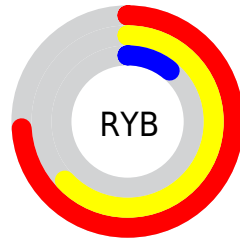
The Hex color **BD651D** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **1D75BD**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FB9950**, and **813400** is the 20% darker color. If you saturate the color by 10%, you get **BD5B0A**, and if you desaturate by 10%, it is **BD6F30**.

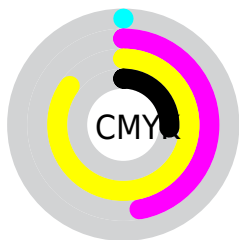
Distribution



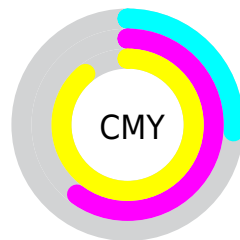
- Red (74%)
- Green (40%)
- Blue (11%)



- Red (74%)
- Yellow (63%)
- Blue (11%)



- Cyan (0%)
- Magenta (47%)
- Yellow (85%)
- Black (26%)



- Cyan (26%)
- Magenta (60%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD651D 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 BD651D by changing the saturation by 10% instead.

 BD651D

 BD651D

FFFFFF

 9F4C00

 FB9950

 813400

 FFB46A

 641D00

 FFD084

 480300

 FFEC9F

 2F0000

 FFFFBB

 000000

 FFFFD7

 FFFFF4

 BD651D

 BD651D

 BD5B0A

 BD6F30

 BD5500

 BD7A43

 BD8456

 BD8F69

 BD997C

 BDA38E

 BDAEA1

 BDB8B4

 BDC3C7

Harmonies

Analogous

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



D54F4C



BD651D



957A00

Triad

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



BD651D



00947A



796ED7

Complementary

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



BD651D



1D75BD

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.



0083E5



BD651D



0094AF

Square

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



BD651D



009045



008FD6



BA56B1

Rectangle

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



BD651D



748400



008FD6



5576DF

Sweetspot

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



BD651D



F5D3B8



BD1D75



7A6656



FAFAFA



7A7A7A

Same Dimension

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



BD651D



F56E00



BDB51D



5E5955



9E4700



1F0E00

Inverse Universe

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



1D75BD



0087F5



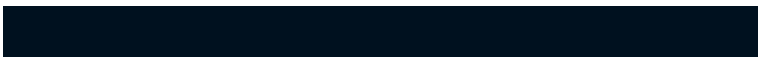
1D25BD



555A5E



00579E



00111F

Previews

White Background



This preview shows how the Hex color BD651D looks on a white background.

Color Contrast Check

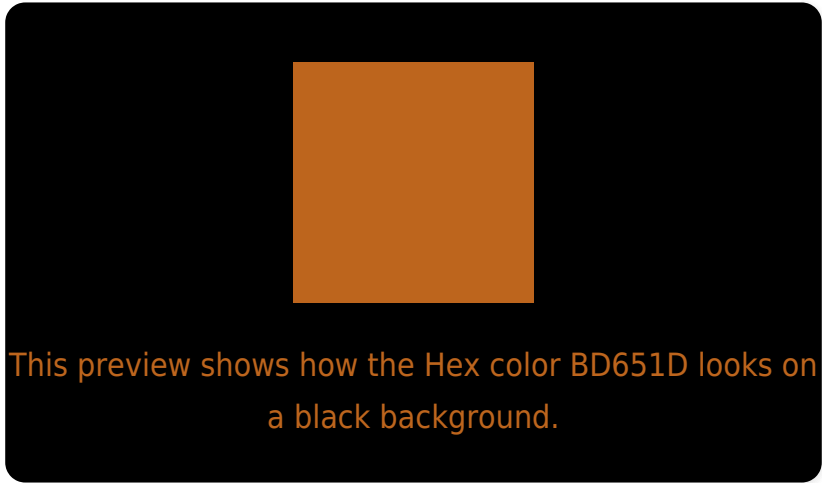
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD651D Background



This preview shows how black text looks on a background with the Hex color BD651D.



This preview shows how white text looks on a background with the Hex color BD651D.

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
BD651D

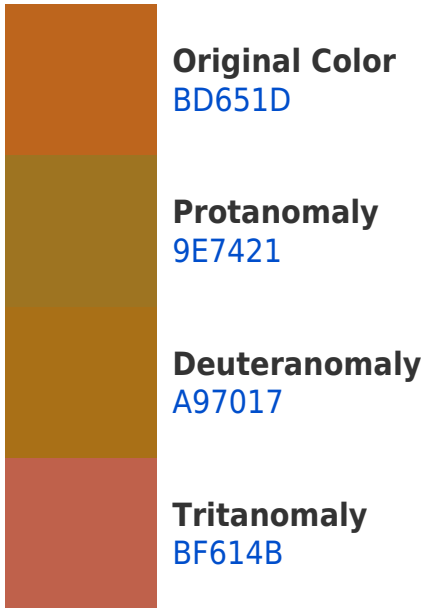
Protanopia
8C7D23

Deuteranopia
9D7613



Tritanopia
C05E65

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BD651D 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 #BD651D looks like.

```
.text, #text, p{  
    color:#BD651D  
}
```

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 #BD651D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD651D
}
```

Border

The CSS property to change the border of an element to Hex BD651D is called "border". The border property can be set on classes, ids or directly on the HTML element.

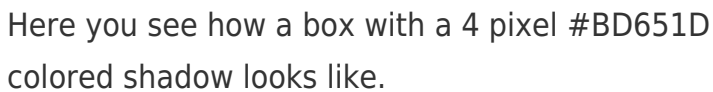
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BD651D }
```

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

```
.border{ border-color:#BD651D }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, positioned to the right and bottom of the box.

Here you see how a box with a 4 pixel `#BD651D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD651D; -webkit-box-shadow:4px 4px  
4px 4px #BD651D; box-shadow:4px 4px 4px  
4px #BD651D }
```

Background

The CSS property to change the background color of an element to Hex BD651D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD651D }
```

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

```
.background{ background-color:#BD651D }
```

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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