

# Converting Colors

Hex(B6631D)

Have a look what the booklet for  
Hex(B6631D) contains.

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**Color**

**Hex(B6631D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B6631D
RGB	182, 99, 29
RGB Percent	71%, 39%, 11%
CMY	0.2863, 0.6118, 0.8863
CMYK	0.00, 0.46, 0.84, 0.29
HSL	27°, 73%, 41%
HSV	27°, 84%, 71%
XYZ	23.9750, 18.9575, 3.5579
YIQ	115.8370, 71.9380, -4.1740

# Conversions

## Conversions Part 2

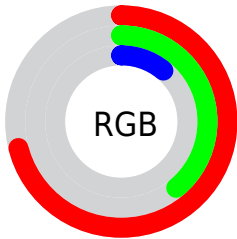
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	182, 158, 29
Decimal	11952925
CIE Lab	50.64, 28.69, 50.95
CIE LCh	51, 58.474, 60.617
Yxy	18.9575, 0.5157, 0.4078
Android (android.graphics.Color)	4290143005 (0xFFB6631D)
YUV	115.8370, -42.8106, 58.0250
Hunter-Lab	43.5402, 22.0941, 25.6332

# Details

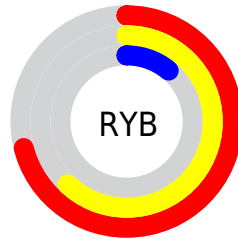
The Hex color **B6631D** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **1D70B6**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **F39750**, and **7B3300** is the 20% darker color. If you saturate the color by 10%, you get **B6590B**, and if you desaturate by 10%, it is **B66D2F**.

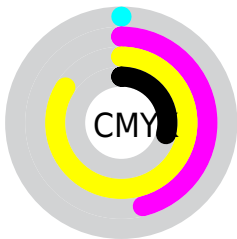
# Distribution



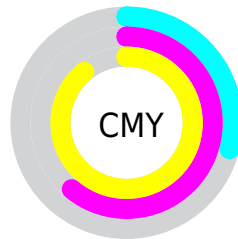
- Red (71%)
- Green (39%)
- Blue (11%)



- Red (71%)
- Yellow (62%)
- Blue (11%)



- Cyan (0%)
- Magenta (46%)
- Yellow (84%)
- Black (29%)



- Cyan (29%)
- Magenta (61%)
- Yellow (89%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6631D 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 B6631D by changing the saturation by 10% instead.



 B6631D

 B6631D

FFFFFF

 984A00

 F39750

 7B3300

 FF269

 5E1B00

 FFCD83

 420300

 FFEA9E

 2B0001

 FFFFBA

 000000

 FFFF66

 FFFFF3

 B6631D

 B6631D

 B6590B


 B66D2F

 B65300

 B67741

 B68154

 B68A66

 B69478

 B69E8A

 B6A89C

 B6B2AF

 B6BCC1

# Harmonies

## Analogous

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



CE4E49



B6631D



8F7700

# Triad

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



B6631D



008F78



786BCF

# Complementary

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



B6631D



1D70B6

# 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.



007EDD



B6631D



008FAA

# Square

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



B6631D



008C45



008ACF



B553AA

# Rectangle

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



B6631D



708002



008ACF



5772D6



# Sweetspot

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



B6631D



EDCDB2



B61D71



786454



F7F7F7



787878



# Same Dimension

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



B6631D



ED6D00



B6AE1D



5C5753



9C4700



1C0D00



# Inverse Universe

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



1D70B6



0081ED



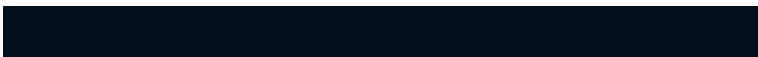
1D25B6



53585C



00549C



000F1C



# Previews

## White Background



This preview shows how the Hex color B6631D looks on a white background.

## Color Contrast Check

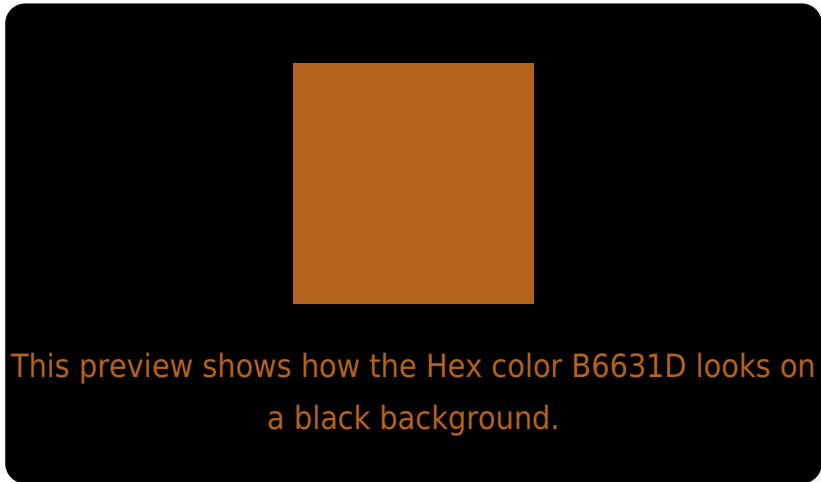
Large Text (above 18pt) WCAG AA ✓ Pass

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 B6631D Background



This preview shows how black text looks on a background with the Hex color B6631D.



This preview shows how white text looks on a background with the Hex color B6631D.

# 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**  
B6631D

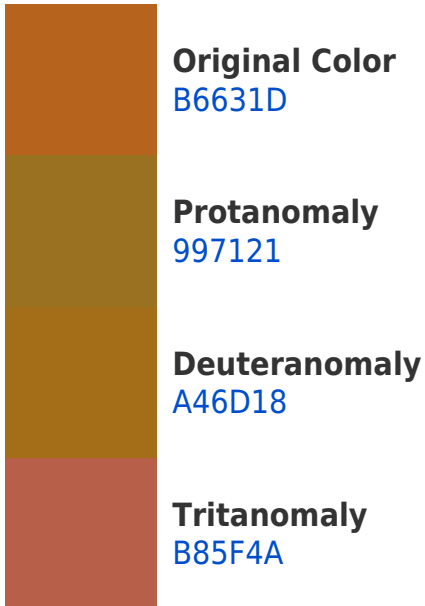
**Protanopia**  
887923

**Deuteranopia**  
997315



**Tritanopia**  
B95C63

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6631D 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 #B6631D looks like.

```
.text, #text, p{  
    color:#B6631D  
}
```

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 #B6631D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6631D
}
```

## Border

The CSS property to change the border of an element to Hex B6631D 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
#B6631D }
```

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

```
.border{ border-color:#B6631D }
```

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

Here you see how a box with a 4 pixel #B6631D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6631D; -webkit-box-shadow:4px 4px  
4px 4px #B6631D; box-shadow:4px 4px 4px  
4px #B6631D }
```

# Background

The CSS property to change the background color of an element to Hex B6631D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6631D }
```

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

```
.background{ background-color:#B6631D }
```

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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