

# Converting Colors

Hex(B02D1C)

Have a look what the booklet for  
Hex(B02D1C) contains.

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# Color

Hex(**B02D1C**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B02D1C
RGB	176, 45, 28
RGB Percent	69%, 18%, 11%
CMY	0.3098, 0.8235, 0.8902
CMYK	0.00, 0.74, 0.84, 0.31
HSL	7°, 73%, 40%
HSV	7°, 84%, 69%
XYZ	19.0525, 11.1907, 2.2545
YIQ	82.2310, 83.5330, 22.4850

# Conversions

## Conversions Part 2

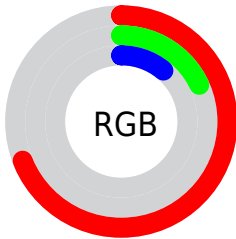
<b>Format</b>	<b>Color</b>
<b>RYB</b>	176, 47, 28
Decimal	11545884
CIELab	39.90, 51.67, 41.46
CIELCh	40, 66.251, 38.741
Yxy	11.1907, 0.5863, 0.3444
Android (android.graphics.Color)	4289735964 (0xFFB02D1C)
YUV	82.2310, -26.7359, 82.2354
Hunter-Lab	33.4525, 43.1206, 19.4211

# Details

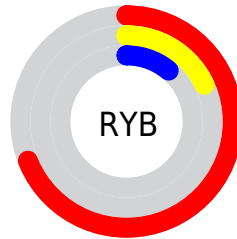
The Hex color **B02D1C** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **1C9FB0**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **EF654A**, and **730000** is the 20% darker color. If you saturate the color by 10%, you get **B01D0A**, and if you desaturate by 10%, it is **B03D2E**.

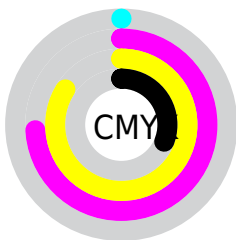
# Distribution



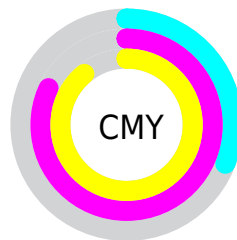
- Red (69%)
- Green (18%)
- Blue (11%)



- Red (69%)
- Yellow (18%)
- Blue (11%)



- Cyan (0%)
- Magenta (74%)
- Yellow (84%)
- Black (31%)



- Cyan (31%)
- Magenta (82%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B02D1C 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 B02D1C by changing the saturation by 10% instead.



 B02D1C

 B02D1C

FFFFFF

 910705

 EF654A

 730000

 FF8063

 550000

 FF9B7C

 3A0002

 FFB896

 130000

 FFD4B1

 000000

 FFF1CD

 FFFFEE9

 B02D1C

 B02D1C

 B01D0A

 B03D2E

 B01400

 B04C3F

 B05C51

 B06B62

 B07B74

 B08A86

 B09A97

 B0AAA9

 B0B9BA

# Harmonies

## Analogous

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



BA0551



B02D1C



914C00

# Triad

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



B02D1C



007234



0060CB

# Complementary

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



B02D1C



1C9FB0

# 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.



006EC4



B02D1C



00756D

# Square

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



B02D1C



246D00



0074A1



7047B3

# Rectangle

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



B02D1C



755B00



0074A1



0066CC



# Sweetspot

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



B02D1C



E6B3AC



B01CA1



735450



F2F2F2



737373



# Same Dimension

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



B02D1C



E61A00



B0751C



595150



991200



1A0300



# Inverse Universe

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



1C9FB0



00CBE6



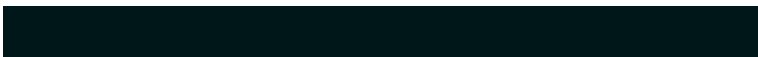
1C57B0



505859



008799



00171A



# Previews

## White Background



This preview shows how the Hex color B02D1C looks on a white background.

## Color Contrast Check

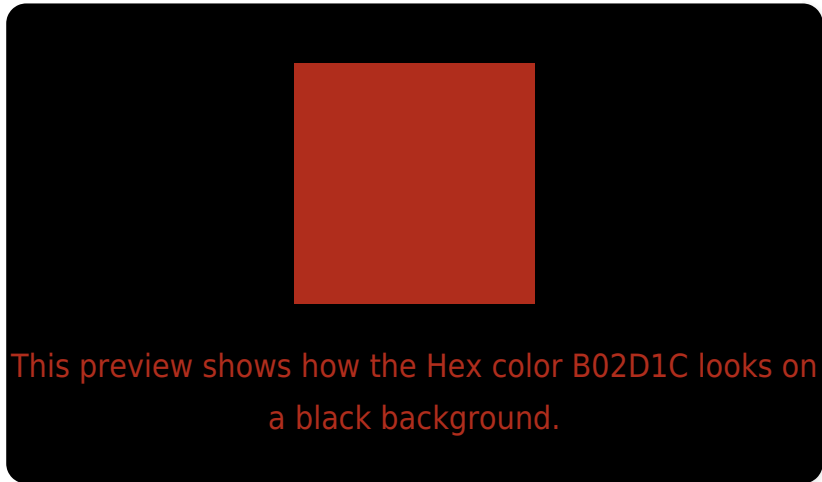
Large Text (above 18pt) WCAG AA ✓ Pass

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 × 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 B02D1C Background



This preview shows how black text looks on a background with the Hex color B02D1C.

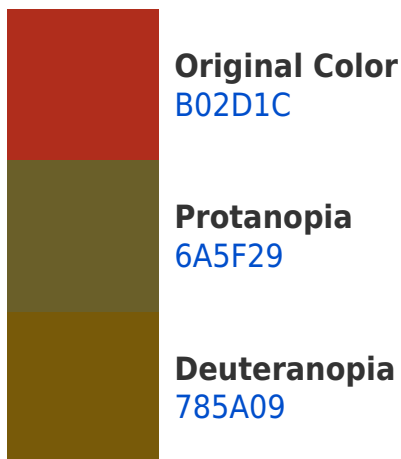


This preview shows how white text looks on a background with the Hex color B02D1C.

# Color Blindness Simulation

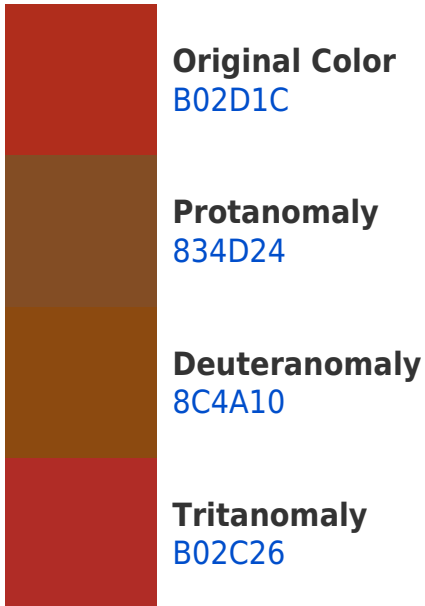
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

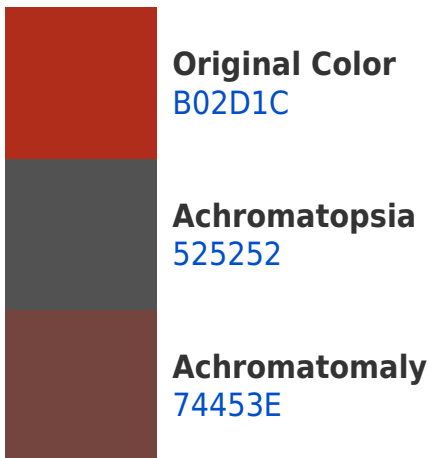




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B02D1C 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 #B02D1C looks like.

```
.text, #text, p{  
    color:#B02D1C  
}
```

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 #B02D1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B02D1C
}
```

## Border

The CSS property to change the border of an element to Hex B02D1C is called "border". The border property can be set on classes, ids or directly on the HTML element.

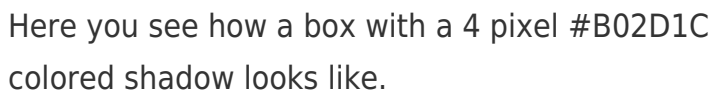
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B02D1C }
```

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

```
.border{ border-color:#B02D1C }
```

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



Here you see how a box with a 4 pixel `#B02D1C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B02D1C; -webkit-box-shadow:4px 4px  
4px 4px #B02D1C; box-shadow:4px 4px 4px  
4px #B02D1C }
```

# Background

The CSS property to change the background color of an element to Hex B02D1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B02D1C }
```

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

```
.background{ background-color:#B02D1C }
```

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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