

# Converting Colors

Hex(B05D1C)

Have a look what the booklet for  
Hex(B05D1C) contains.

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**Color**

**Hex(B05D1C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B05D1C
RGB	176, 93, 28
RGB Percent	69%, 36%, 11%
CMY	0.3098, 0.6353, 0.8902
CMYK	0.00, 0.47, 0.84, 0.31
HSL	26°, 73%, 40%
HSV	26°, 84%, 69%
XYZ	22.0284, 17.1426, 3.2464
YIQ	110.4070, 70.3330, -2.6190

# Conversions

## Conversions Part 2

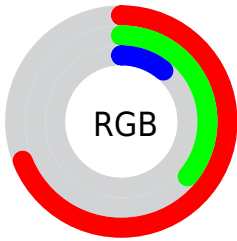
Format	Color
R <sub>YB</sub>	176, 144, 28
Decimal	11558172
CIE Lab	48.44, 29.37, 49.08
CIE LCh	48, 57.202, 59.104
Yxy	17.1426, 0.5193, 0.4041
Android (android.graphics.Color)	4289748252 (0xFFB05D1C)
YUV	110.4070, -40.6267, 57.5251
Hunter-Lab	41.4037, 22.5128, 24.3337

# Details

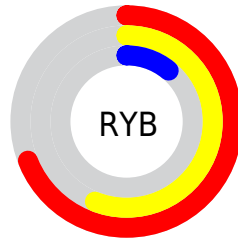
The Hex color **B05D1C** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **1C6FB0**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **ED904E**, and **752D00** is the 20% darker color. If you saturate the color by 10%, you get **B0530A**, and if you desaturate by 10%, it is **B0672E**.

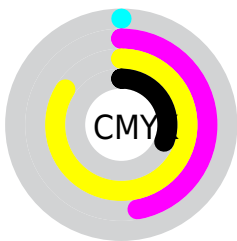
# Distribution



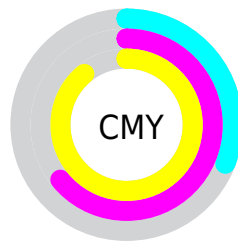
- Red (69%)
- Green (36%)
- Blue (11%)



- Red (69%)
- Yellow (56%)
- Blue (11%)



- Cyan (0%)
- Magenta (47%)
- Yellow (84%)
- Black (31%)



- Cyan (31%)
- Magenta (64%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B05D1C 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 B05D1C by changing the saturation by 10% instead.



 B05D1C

 B05D1C

FFFFFF

 924500

 ED904E

 752D00

 FFAB67

 581500

 FFC781

 3C0000

 FFE39C

 240001

 FFFF88

 000000

 FFFFD4

 FFFFF0

 B05D1C

 B05D1C

 B0530A

 B0672E

 B04D00

 B0713F

 B07B51

 B08462

 B08E74

 B09886

 B0A297

 B0ACA9

 B0B6BA

# Harmonies

## Analogous

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



C64847



B05D1C



8B7000

# Triad

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



B05D1C



008970



6E67C8

# Complementary

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



B05D1C



1C6FB0

# 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.



0079D4



B05D1C



0089A1

# Square

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



B05D1C



00863E



0084C6



AB50A5

# Rectangle

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



B05D1C



6D7A00



0084C6



4C6ECF



# Sweetspot

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



B05D1C



E6C5AC



B01C70



735F50



F2F2F2



737373



# Same Dimension

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



B05D1C



E66500



B0A61C



595450



994300



1A0B00



# Inverse Universe

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



1C6FB0



0081E6



1C26B0



505559



005699



000E1A



# Previews

## White Background



This preview shows how the Hex color B05D1C looks on a white background.

## Color Contrast Check

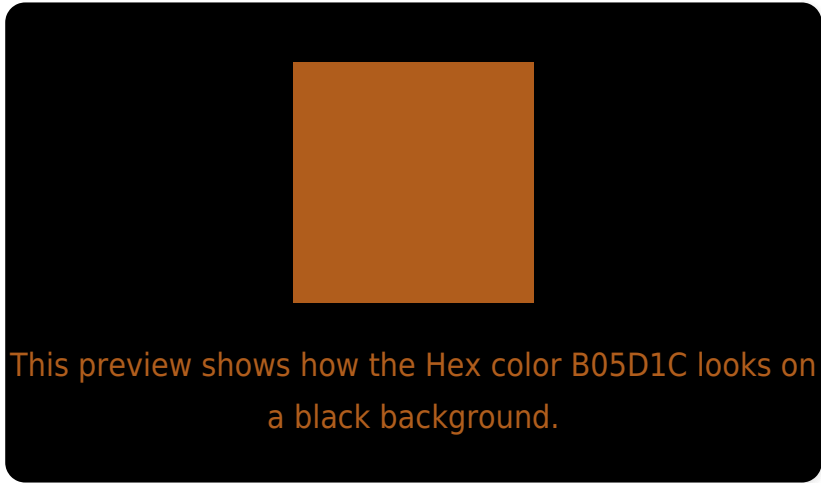
Large Text (above 18pt) WCAG AA ✓ Pass

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

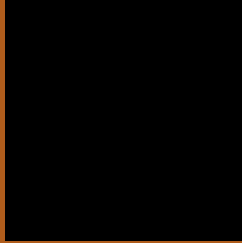
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B05D1C Background



This preview shows how black text looks on a background with the Hex color B05D1C.



This preview shows how white text looks on a background with the Hex color B05D1C.

# 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**  
B05D1C

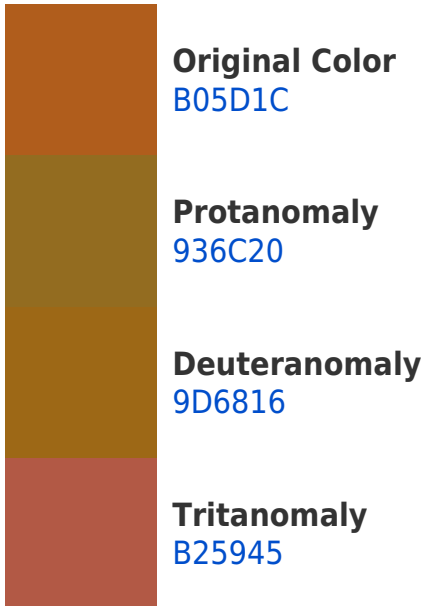
**Protanopia**  
827422

**Deuteranopia**  
926E13

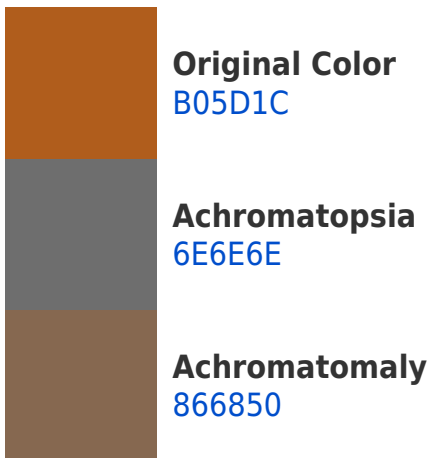


**Tritanopia**  
B3575D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B05D1C 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 #B05D1C looks like.

```
.text, #text, p{  
    color:#B05D1C  
}
```

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 #B05D1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B05D1C }  
}
```

## Border

The CSS property to change the border of an element to Hex B05D1C 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 #B05D1C }  
}
```

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

```
.border{ border-color:#B05D1C }
```

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

Here you see how a box with a 4 pixel #B05D1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B05D1C; -webkit-box-shadow:4px 4px  
4px 4px #B05D1C; box-shadow:4px 4px 4px  
4px #B05D1C }
```

# Background

The CSS property to change the background color of an element to Hex B05D1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B05D1C }
```

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

```
.background{ background-color:#B05D1C }
```

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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