

# Converting Colors

Hex(B0541C)

Have a look what the booklet for  
Hex(B0541C) contains.

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**Color**

**Hex(B0541C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B0541C
RGB	176, 84, 28
RGB Percent	69%, 33%, 11%
CMY	0.3098, 0.6706, 0.8902
CMYK	0.00, 0.52, 0.84, 0.31
HSL	23°, 73%, 40%
HSV	23°, 84%, 69%
XYZ	21.2844, 15.6546, 2.9984
YIQ	105.1240, 72.8080, 2.0880

# Conversions

## Conversions Part 2

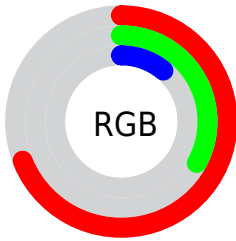
<b>Format</b>	<b>Color</b>
<b>RYB</b>	176, 118, 28
Decimal	11555868
CIELab	46.52, 34.16, 47.39
CIElCh	47, 58.419, 54.221
Yxy	15.6546, 0.5329, 0.3920
Android (android.graphics.Color)	4289745948 (0xFFB0541C)
YUV	105.1240, -38.0221, 62.1583
Hunter-Lab	39.5659, 26.7836, 23.2029

# Details

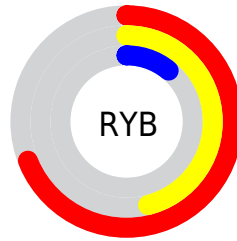
The Hex color **B0541C** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **1C78B0**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **ED874D**, and **752300** is the 20% darker color. If you saturate the color by 10%, you get **B0490A**, and if you desaturate by 10%, it is **B05F2E**.

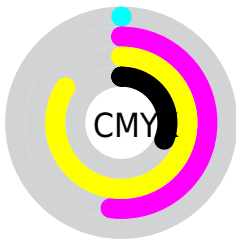
# Distribution



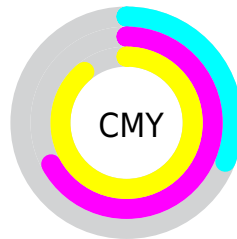
- Red (69%)
- Green (33%)
- Blue (11%)



- Red (69%)
- Yellow (46%)
- Blue (11%)



- Cyan (0%)
- Magenta (52%)
- Yellow (84%)
- Black (31%)



- Cyan (31%)
- Magenta (67%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0541C 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 B0541C by changing the saturation by 10% instead.



 B0541C

 B0541C

FFFFFF

 923B00

 ED874D

 752300

 FFA266

 580800

 FFBE80

 3C0000

 FFDA9B

 210001

 FFF6B6

 000000

 FFFFD2

 FFFFEF

 B0541C

 B0541C

 B0490A

 B05F2E

 B04300

 B06A3F

 B07551

 B08062

 B08B74

 B09686

 B0A197

 B0ACA9

 B0B6BA

# Harmonies

## Analogous

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



C33F49



B0541C



8D6900

# Triad

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



B0541C



008463



5865C8

# Complementary

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



B0541C



1C78B0

# 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.



0077D0



B0541C



008495

# Square

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



B0541C



078031



0081BD



A04EA8

# Rectangle

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



B0541C



6F7300



0081BD



286CCE



# Sweetspot

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



B0541C



E6C2AC



B01C7A



735D50



F2F2F2



737373



# Same Dimension

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



B0541C



E65700



B09C1C



595450



993A00



1A0A00



# Inverse Universe

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



1C78B0



008FE6



1C30B0



505659



005F99



00101A



# Previews

## White Background



This preview shows how the Hex color B0541C looks on a white background.

## Color Contrast Check

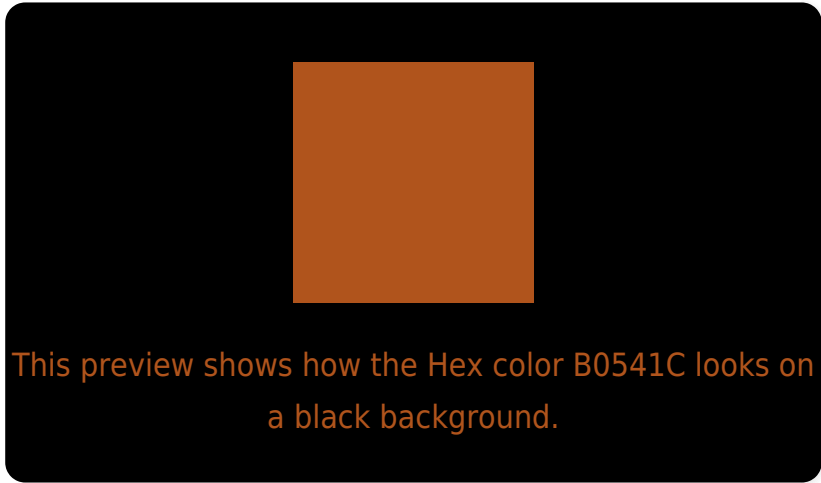
Large Text (above 18pt) WCAG AA ✓ Pass

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 B0541C Background



This preview shows how black text looks on a background with the Hex color B0541C.



This preview shows how white text looks on a background with the Hex color B0541C.

# 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**  
B0541C

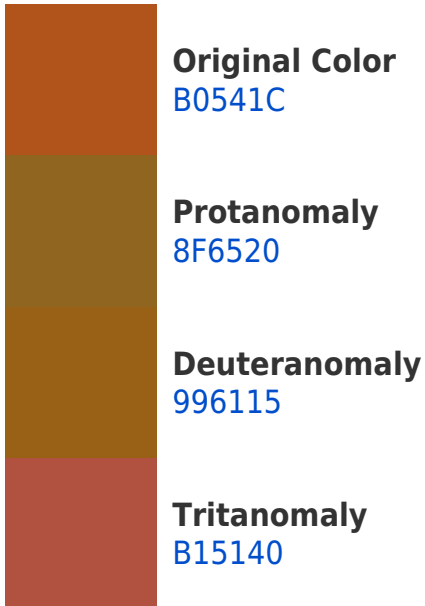
**Protanopia**  
7C6F23

**Deuteranopia**  
8C6911

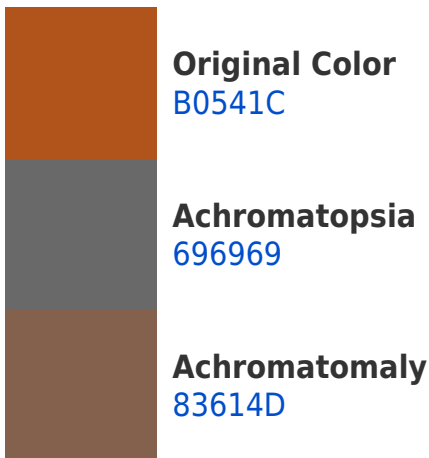


**Tritanopia**  
B24F54

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0541C 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 #B0541C looks like.

```
.text, #text, p{  
    color:#B0541C  
}
```

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 #B0541C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0541C
}
```

## Border

The CSS property to change the border of an element to Hex B0541C is called "border". The border property can be set on classes, ids or directly on the HTML element.

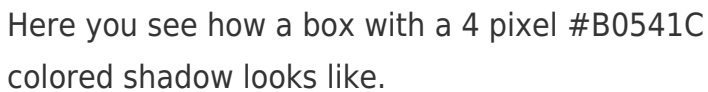
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B0541C }
```

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

```
.border{ border-color:#B0541C }
```

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 #B0541C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0541C; -webkit-box-shadow:4px 4px  
4px 4px #B0541C; box-shadow:4px 4px 4px  
4px #B0541C }
```

# Background

The CSS property to change the background color of an element to Hex B0541C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0541C }
```

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

```
.background{ background-color:#B0541C }
```

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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