

# Converting Colors

Hex(B03A1D)

Have a look what the booklet for  
Hex(B03A1D) contains.

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**Color**

**Hex(B03A1D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B03A1D
RGB	176, 58, 29
RGB Percent	69%, 23%, 11%
CMY	0.3098, 0.7725, 0.8863
CMYK	0.00, 0.67, 0.84, 0.31
HSL	12°, 72%, 40%
HSV	12°, 84%, 69%
XYZ	19.6393, 12.3449, 2.5101
YIQ	89.9760, 79.6370, 15.9970

# Conversions

## Conversions Part 2

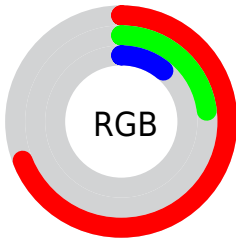
Format	Color
<b>RYB</b>	176, 65, 29
Decimal	11549213
CIELab	41.76, 46.63, 42.66
CIElCh	42, 63.206, 42.454
Yxy	12.3449, 0.5693, 0.3579
Android (android.graphics.Color)	4289739293 (0xFFB03A1D)
YUV	89.9760, -30.0612, 75.4430
Hunter-Lab	35.1353, 38.2879, 20.3590

# Details

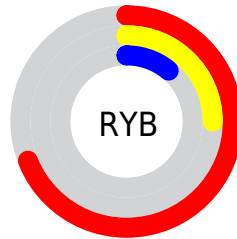
The Hex color **B03A1D** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **1D93B0**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **EE6F4C**, and **740000** is the 20% darker color. If you saturate the color by 10%, you get **B02C0B**, and if you desaturate by 10%, it is **B0482F**.

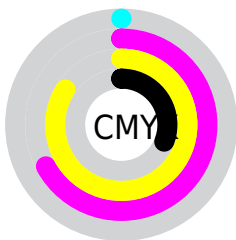
# Distribution



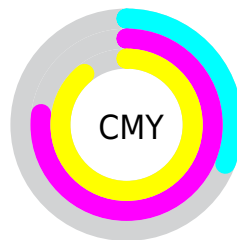
- Red (69%)
- Green (23%)
- Blue (11%)



- Red (69%)
- Yellow (25%)
- Blue (11%)



- Cyan (0%)
- Magenta (67%)
- Yellow (84%)
- Black (31%)



- Cyan (31%)
- Magenta (77%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B03A1D 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 B03A1D by changing the saturation by 10% instead.



 B03A1D

 B03A1D

FFFFFF

 911E05

 EE6F4C

 740000

 FF8A64

 560000

 FFA67E

 3B0001

 FFC298

 170000

 FFDEB3

 000000

 FFFBCF

 FFFFEB

 B03A1D

 B03A1D

 B02C0B

 B0482F

 B02300

 B05640

 B06452

 B07363

 B08175

 B08F87

 B09D98

 B0ABAA

 B0B9BB

# Harmonies

## Analogous

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



BD204F



B03A1D



905500

# Triad

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



B03A1D



007741



0062C9

# Complementary

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



B03A1D



1D93B0

# 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.



0071C6



B03A1D



007978

# Square

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



B03A1D



237200



0078A8



7E49B0

# Rectangle

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



B03A1D



746200



0078A8



0068CC



# Sweetspot

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



B03A1D



E6B7AC



B01D95



735750



F2F2F2



737373



# Same Dimension

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



B03A1D



E62D00



B0811D



595250



991E00



1A0500



# Inverse Universe

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



1D93B0



00B8E6



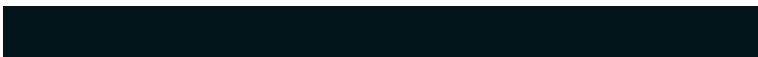
1D4CB0



505759



007B99

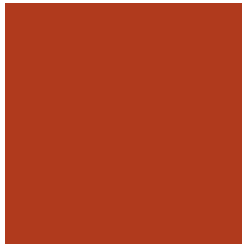


00141A



# Previews

## White Background



This preview shows how the Hex color B03A1D looks on a white background.

## Color Contrast Check

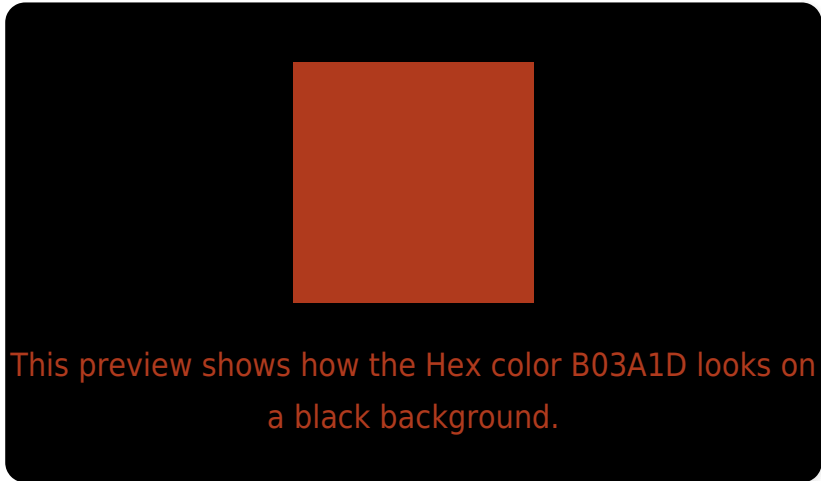
Large Text (above 18pt) WCAG AA ✓ Pass

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 B03A1D Background



This preview shows how black text looks on a background with the Hex color B03A1D.



This preview shows how white text looks on a background with the Hex color B03A1D.

# 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**  
B03A1D

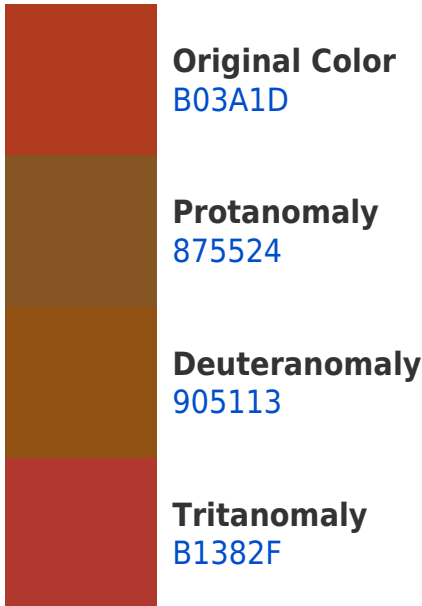
**Protanopia**  
6F6428

**Deuteranopia**  
7E5E0E

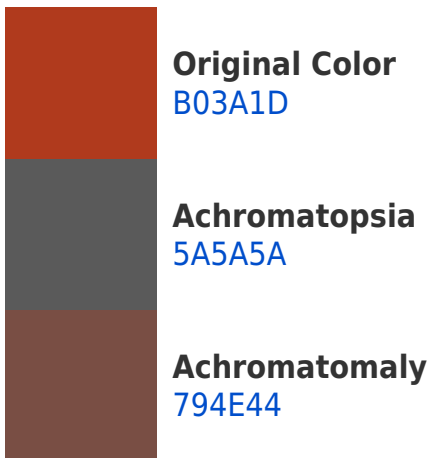


**Tritanopia**  
B1373A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B03A1D 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 #B03A1D looks like.

```
.text, #text, p{  
    color:#B03A1D  
}
```

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 #B03A1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B03A1D
}
```

## Border

The CSS property to change the border of an element to Hex B03A1D is called "border". The border property can be set on classes, ids or directly on the HTML element.

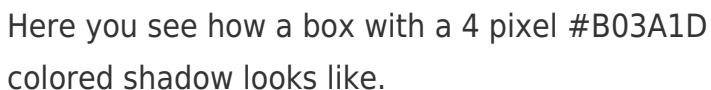
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B03A1D }
```

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

```
.border{ border-color:#B03A1D }
```

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



Here you see how a box with a 4 pixel `#B03A1D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B03A1D; -webkit-box-shadow:4px 4px  
4px 4px #B03A1D; box-shadow:4px 4px 4px  
4px #B03A1D }
```

# Background

The CSS property to change the background color of an element to Hex B03A1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B03A1D }
```

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

```
.background{ background-color:#B03A1D }
```

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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