

# Converting Colors

Hex(B65317)

Have a look what the booklet for  
Hex(B65317) contains.

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**Color**

**Hex(B65317)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B65317
RGB	182, 83, 23
RGB Percent	71%, 33%, 9%
CMY	0.2863, 0.6745, 0.9098
CMYK	0.00, 0.54, 0.87, 0.29
HSL	23°, 78%, 40%
HSV	23°, 87%, 71%
XYZ	22.5393, 16.1935, 2.7483
YIQ	105.7610, 78.2640, 2.3280

# Conversions

## Conversions Part 2

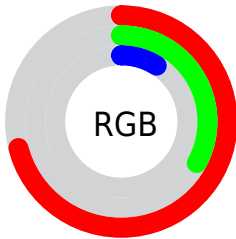
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	182, 119, 23
Decimal	11948823
CIE <sub>Lab</sub>	47.23, 36.95, 50.34
CIE <sub>LCh</sub>	47, 62.451, 53.722
Yxy	16.1935, 0.5434, 0.3904
Android (android.graphics.Color)	4290138903 (0xFFB65317)
YUV	105.7610, -40.8012, 66.8616
Hunter-Lab	40.2411, 29.5572, 24.1195

# Details

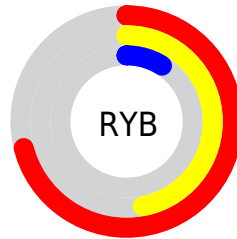
The Hex color **B65317** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **177AB6**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **F48749**, and **7A2100** is the 20% darker color. If you saturate the color by 10%, you get **B64805**, and if you desaturate by 10%, it is **B65E29**.

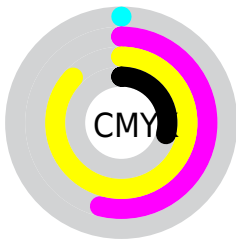
# Distribution



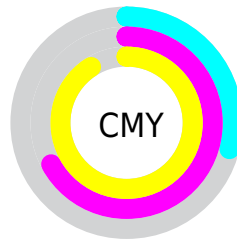
- Red (71%)
- Green (33%)
- Blue (9%)



- Red (71%)
- Yellow (47%)
- Blue (9%)



- Cyan (0%)
- Magenta (54%)
- Yellow (87%)
- Black (29%)



- Cyan (29%)
- Magenta (67%)
- Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B65317 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 B65317 by changing the saturation by 10% instead.



 B65317

 B65317

FFFFFF

 983A00

 F48749

 7A2100

 FFA262

 5C0300

 FFBD7C

 400000

 FFD997

 260001

 FFF6B2

 000000

 FFFFCE

 FFFFEB

 B65317

 B65317

 B64805

 B65E29


 B64500

 B66A3B

 B6754E

 B68060

 B68C72

 B69784

 B6A296

 B6AEA9

 B6B9BB

# Harmonies

## Analogous

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



CB3B49



B65317



916A00

# Triad

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



B65317



008763



5467D1

# Complementary

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



B65317



177AB6

# 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.



007AD9



B65317



008799

# Square

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



B65317



00822C



0084C4



A44DAF

# Rectangle

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



B65317



717500



0084C4



0D6ED7



# Sweetspot

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



B65317



EDC7AF



B6177C



786153



F7F7F7



787878



# Same Dimension

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



B65317



ED5900



B6A117



5C5653



9C3B00



1C0B00



# Inverse Universe

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



177AB6



0094ED



172CB6



53585C



00619C



00111C



# Previews

## White Background



This preview shows how the Hex color B65317 looks on a white background.

## Color Contrast Check

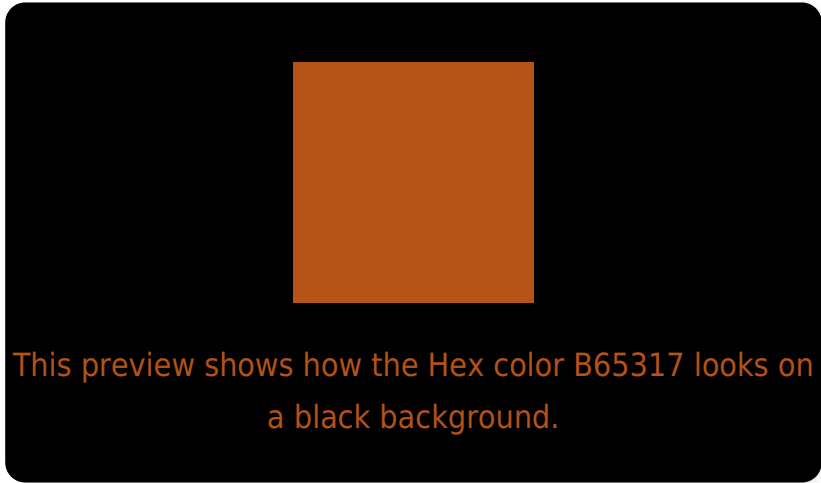
Large Text (above 18pt) WCAG AA ✓ Pass

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 B65317 Background



This preview shows how black text looks on a background with the Hex color B65317.



This preview shows how white text looks on a background with the Hex color B65317.

# 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**  
B65317

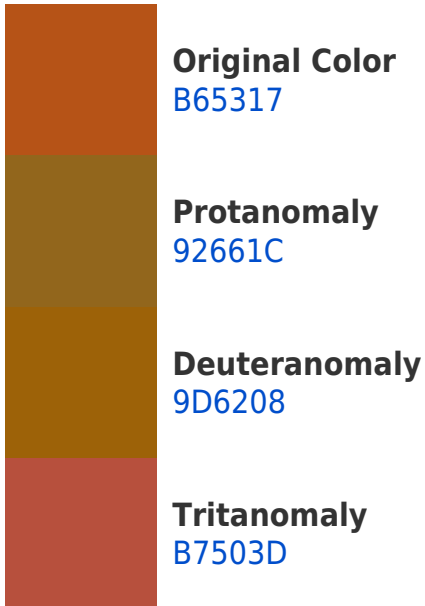
**Protanopia**  
7E711F

**Deuteranopia**  
8E6B00

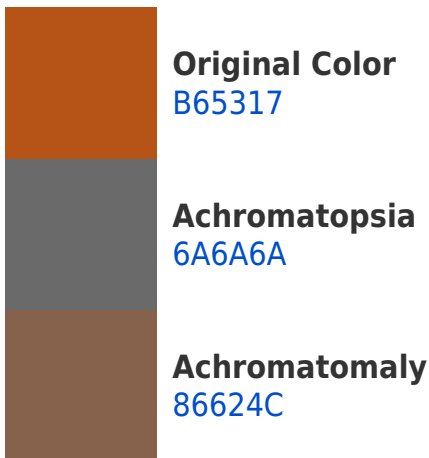


**Tritanopia**  
B84E53

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B65317 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 #B65317 looks like.

```
.text, #text, p{  
    color:#B65317  
}
```

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 #B65317 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B65317
}
```

## Border

The CSS property to change the border of an element to Hex B65317 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
#B65317 }
```

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

```
.border{ border-color:#B65317 }
```

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

Here you see how a box with a 4 pixel #B65317 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B65317; -webkit-box-shadow:4px 4px  
4px 4px #B65317; box-shadow:4px 4px 4px  
4px #B65317 }
```

# Background

The CSS property to change the background color of an element to Hex B65317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B65317 }
```

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

```
.background{ background-color:#B65317 }
```

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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