

# Converting Colors

Hex(B65105)

Have a look what the booklet for  
Hex(B65105) contains.

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**Color**

**Hex(B65105)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B65105
RGB	182, 81, 5
RGB Percent	71%, 32%, 2%
CMY	0.2863, 0.6824, 0.9804
CMYK	0.00, 0.55, 0.97, 0.29
HSL	26°, 95%, 37%
HSV	26°, 97%, 71%
XYZ	22.2612, 15.8409, 2.0279
YIQ	102.5350, 84.5920, -2.2240

# Conversions

## Conversions Part 2

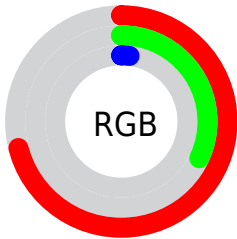
<b>Format</b>	<b>Color</b>
<b>RYB</b>	182, 138, 5
Decimal	11948293
CIELab	46.77, 37.67, 55.20
CIELCh	47, 66.828, 55.693
Yxy	15.8409, 0.5547, 0.3947
Android (android.graphics.Color)	4290138373 (0xFFB65105)
YUV	102.5350, -48.0848, 69.6908
Hunter-Lab	39.8006, 30.1872, 24.8396

# Details

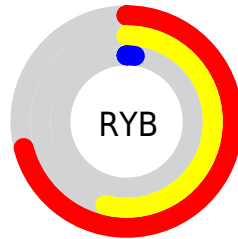
The Hex color **B65105** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **056AB6**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **F4853E**, and **791F00** is the 20% darker color. If you saturate the color by 10%, you get **B64E00**, and if you desaturate by 10%, it is **B65B17**.

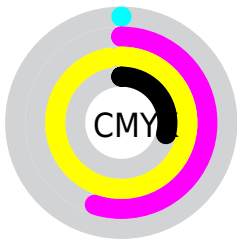
# Distribution



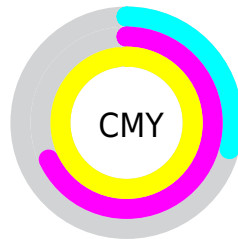
- Red (71%)
- Green (32%)
- Blue (2%)



- Red (71%)
- Yellow (54%)
- Blue (2%)



- Cyan (0%)
- Magenta (55%)
- Yellow (97%)
- Black (29%)



- Cyan (29%)
- Magenta (68%)
- Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B65105 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 B65105 by changing the saturation by 10% instead.



 B65105

 B65105

FFFFFFC

 973800

 F4853E

 791F00

 FF9F57

 5C0000

 FFBB71

 3F0000

 FFD78C

 250001

 FFF4A7

 000000

 FFFFC3

 FFFFDF

 B65105

 B65105

 B64E00

 B65B17


 B66629

 B6703C

 B67B4E

 B68560

 B68F72

 B69A84

 B6A497

 B6AEA9

# Harmonies

## Analogous

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



CE3342



B65105



8D6A00

# Triad

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



B65105



008765



5764D5

# Complementary

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



B65105



056AB6

# 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.



0078E0



B65105



00879E

# Square

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



B65105



008329



0083CC



A945AF

# Rectangle

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



B65105



6B7500



0083CC



016CDC



# Sweetspot

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



B65105



EDC6A8



B6056C



78604E



F7F7F7



787878



# Same Dimension

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



B65105



ED6600



B6A705



5C5753



9C4300



1C0C00



# Inverse Universe

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



056AB6



0087ED



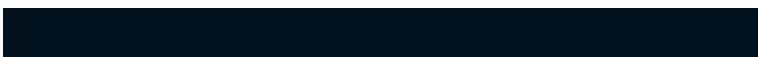
0514B6



53585C



00599C



00101C



# Previews

## White Background



This preview shows how the Hex color B65105 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 B65105 Background



This preview shows how black text looks on a background with the Hex color B65105.



This preview shows how white text looks on a background with the Hex color B65105.

# 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**  
B65105

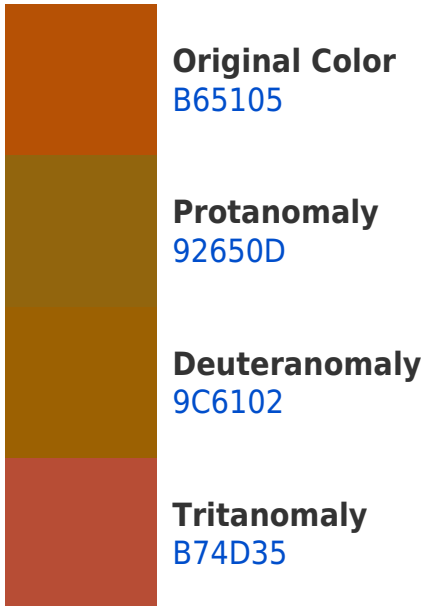
**Protanopia**  
7E7012

**Deuteranopia**  
8D6A00



**Tritanopia**  
B84B50

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B65105 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 #B65105 looks like.

```
.text, #text, p{  
    color:#B65105  
}
```

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 #B65105 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B65105
}
```

## Border

The CSS property to change the border of an element to Hex B65105 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
#B65105 }
```

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

```
.border{ border-color:#B65105 }
```

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

Here you see how a box with a 4 pixel #B65105 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B65105; -webkit-box-shadow:4px 4px  
4px 4px #B65105; box-shadow:4px 4px 4px  
4px #B65105 }
```

# Background

The CSS property to change the background color of an element to Hex B65105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B65105 }
```

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

```
.background{ background-color:#B65105 }
```

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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