

# Converting Colors

Hex(B85115)

Have a look what the booklet for  
Hex(B85115) contains.

<b>Hex(B85115)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(B85115)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B85115
RGB	184, 81, 21
RGB Percent	72%, 32%, 8%
CMY	0.2784, 0.6824, 0.9176
CMYK	0.00, 0.56, 0.89, 0.28
HSL	22°, 80%, 40%
HSV	22°, 89%, 72%
XYZ	22.8450, 16.1293, 2.6187
YIQ	104.9570, 80.6480, 3.1760

# Conversions

## Conversions Part 2

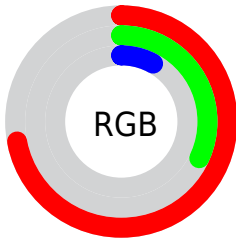
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	184, 116, 21
Decimal	12079381
CIE <sub>Lab</sub>	47.14, 38.70, 51.14
CIE <sub>LCh</sub>	47, 64.134, 52.879
Yxy	16.1293, 0.5493, 0.3878
Android (android.graphics.Color)	4290269461 (0xFFB85115)
YUV	104.9570, -41.3908, 69.3207
Hunter-Lab	40.1614, 31.2536, 24.2470

# Details

The Hex color **B85115** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **157CB8**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **F68548**, and **7C1E00** is the 20% darker color. If you saturate the color by 10%, you get **B84503**, and if you desaturate by 10%, it is **B85D27**.

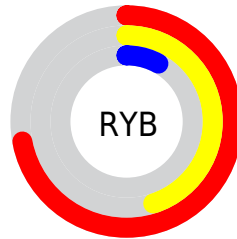
# Distribution



Red (72%)

Green (32%)

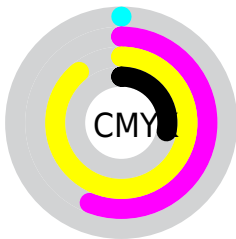
Blue (8%)



Red (72%)

Yellow (45%)

Blue (8%)

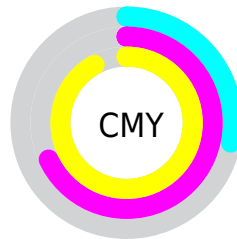


Cyan (0%)

Magenta (56%)

Yellow (89%)

Black (28%)



Cyan (28%)

Magenta (68%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B85115 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 B85115 by changing the saturation by 10% instead.



 B85115

 B85115

FFFFFF

 993800

 F68548

 7C1E00

 FFA061

 5E0000

 FFBB7B

 410000

 FFD795

 280001

 FFF4B0

 000000

 FFFFCC

 FFFFEE9

 B85115

 B85115

 B84503

 B85D27

 B84400

 B8683A

 B8744C

 B8805F

 B88B71

 B89783

 B8A296

 B8AEA8

 B8BABB

# Harmonies

## Analogous

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



CD374A



B85115



926900

# Triad

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



B85115



008761



4E67D4

# Complementary

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



B85115



157CB8

# 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.



007ADC



B85115



008898

# Square

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



B85115



008228



0084C6



A34CB2

# Rectangle

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



B85115



727500



0084C6



006FDA



# Sweetspot

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



B85115



F0C7AF



B8157C



786051



F7F7F7



787878



# Same Dimension

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



B85115



F05800



B8A215



5C5653



9C3900



1C0A00



# Inverse Universe

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



157CB8



0097F0



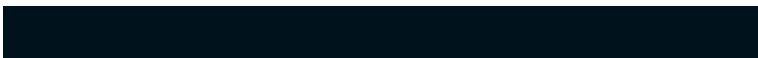
152BB8



53585C



00629C



00121C



# Previews

## White Background



This preview shows how the Hex color B85115 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 B85115 Background



This preview shows how black text looks on a background with the Hex color B85115.



This preview shows how white text looks on a background with the Hex color B85115.

# 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



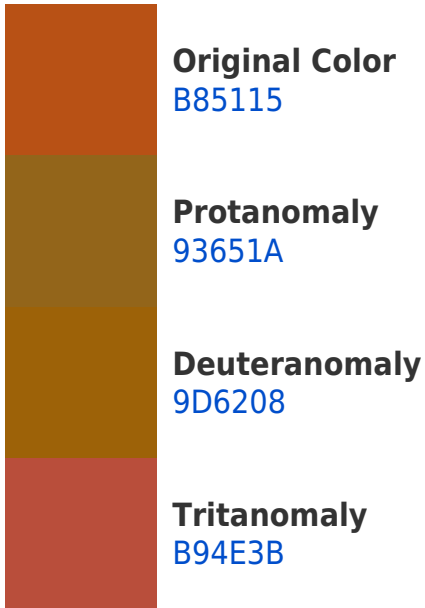
**Original Color**  
B85115

**Protanopia**  
7E711D

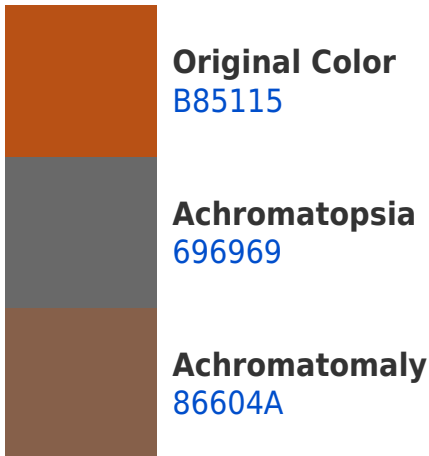
**Deuteranopia**  
8E6B00



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B85115 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 #B85115 looks like.

```
.text, #text, p{  
    color:#B85115  
}
```

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 #B85115 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B85115
}
```

## Border

The CSS property to change the border of an element to Hex B85115 is called "border". The border property can be set on classes, ids or directly on the HTML element.

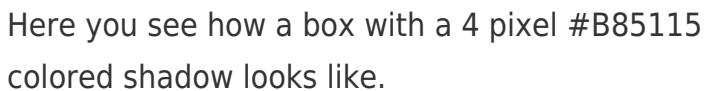
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B85115 }
```

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

```
.border{ border-color:#B85115 }
```

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, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #B85115 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B85115; -webkit-box-shadow:4px 4px  
4px 4px #B85115; box-shadow:4px 4px 4px  
4px #B85115 }
```

# Background

The CSS property to change the background color of an element to Hex B85115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B85115 }
```

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

```
.background{ background-color:#B85115 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor