

# Converting Colors

Hex(B15806)

Have a look what the booklet for  
Hex(B15806) contains.

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**Color**

**Hex(B15806)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B15806
RGB	177, 88, 6
RGB Percent	69%, 35%, 2%
CMY	0.3059, 0.6549, 0.9765
CMYK	0.00, 0.50, 0.97, 0.31
HSL	29°, 93%, 36%
HSV	29°, 97%, 69%
XYZ	21.6541, 16.3397, 2.1849
YIQ	105.2630, 79.3660, -6.6340

# Conversions

## Conversions Part 2

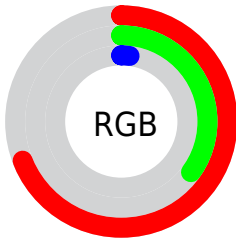
Format	Color
<a href="#">RYB</a>	<a href="#">177, 164, 6</a>
Decimal	<a href="#">11622406</a>
CIELab	<a href="#">47.42, 32.03, 54.99</a>
CIElCh	<a href="#">47, 63.638, 59.783</a>
Yxy	<a href="#">16.3397, 0.5389, 0.4067</a>
Android (android.graphics.Color)	<a href="#">4289812486 (0xFFB15806)</a>
YUV	<a href="#">105.2630, -48.9367, 62.9133</a>
Hunter-Lab	<a href="#">40.4224, 24.8823, 25.0910</a>

# Details

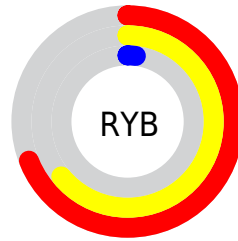
The Hex color **B15806** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **065FB1**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **EF8B3F**, and **752800** is the 20% darker color. If you saturate the color by 10%, you get **B15500**, and if you desaturate by 10%, it is **B16118**.

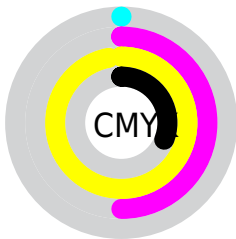
# Distribution



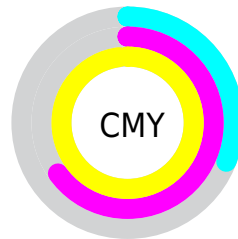
- Red (69%)
- Green (35%)
- Blue (2%)



- Red (69%)
- Yellow (64%)
- Blue (2%)



- Cyan (0%)
- Magenta (50%)
- Yellow (97%)
- Black (31%)




- Cyan (31%)
- Magenta (65%)
- Yellow (98%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B15806 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 B15806 by changing the saturation by 10% instead.



 B15806

 B15806

FFFFFFE

 934000

 EF8B3F

 752800

 FFA659

 580F00

 FFC173

 3C0000

 FFDE8E

 230001

 FFFAA9

 000000

 FFFFC5

 FFFFE1

 B15806

 B15806

■ B15500

■ B16118

■ B16A29

■ B1743B

■ B17D4D

■ B1865E

■ B18F70

■ B19882

■ B1A294

■ B1ABA5

# Harmonies

## Analogous

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



CA3E3F



B15806



886E00

# Triad

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



B15806



00886E



6A62CE

# Complementary

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



B15806



065FB1

# 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.



0077DD



B15806



0088A5

# Square

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



B15806



008437



0083CD



AF46A7

# Rectangle

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



B15806



667900



0083CD



406AD6



# Sweetspot

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



B15806



E6C3A3



B10661



735E4B



F2F2F2



737373



# Same Dimension

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



B15806



E66E00



B1AB06



595550



994900



1A0C00



# Inverse Universe

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



065FB1



0077E6



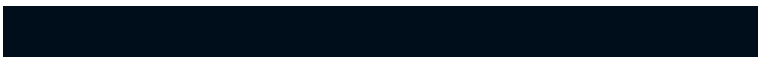
060CB1



505559



005099

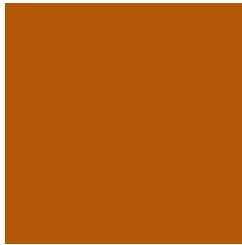


000D1A



# Previews

## White Background



This preview shows how the Hex color B15806 looks on a white background.

## Color Contrast Check

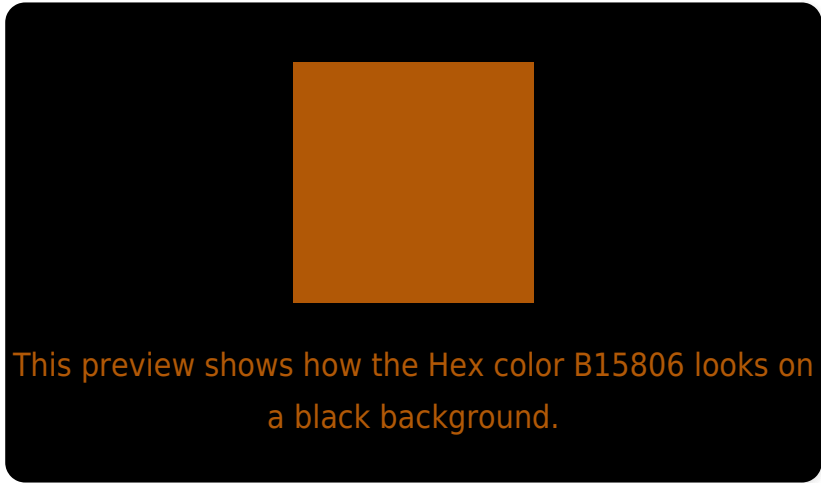
Large Text (above 18pt) WCAG AA ✓ Pass

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 B15806 Background



This preview shows how black text looks on a background with the Hex color B15806.



This preview shows how white text looks on a background with the Hex color B15806.

# 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**  
B15806

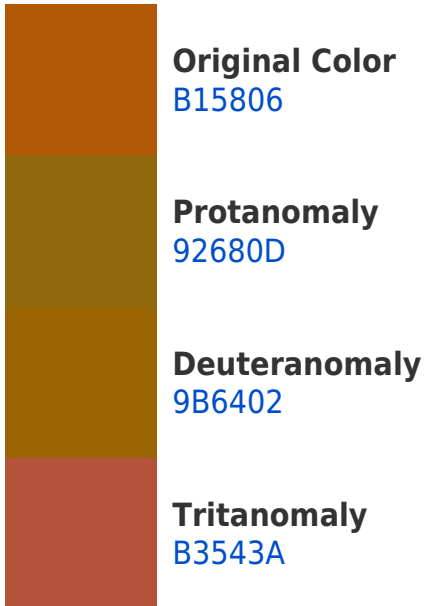
**Protanopia**  
807111

**Deuteranopia**  
8F6B00

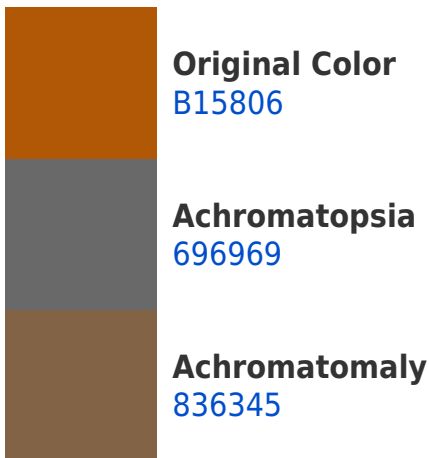


**Tritanopia**  
B45257

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B15806 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 #B15806 looks like.

```
.text, #text, p{  
    color:#B15806  
}
```

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 #B15806 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B15806
}
```

## Border

The CSS property to change the border of an element to Hex B15806 is called "border". The border property can be set on classes, ids or directly on the HTML element.

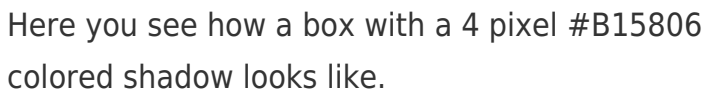
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B15806 }
```

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

```
.border{ border-color:#B15806 }
```

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 #B15806 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B15806; -webkit-box-shadow:4px 4px  
4px 4px #B15806; box-shadow:4px 4px 4px  
4px #B15806 }
```

# Background

The CSS property to change the background color of an element to Hex B15806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B15806 }
```

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

```
.background{ background-color:#B15806 }
```

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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