

# Converting Colors

Hex(B35805)

Have a look what the booklet for  
Hex(B35805) contains.

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**Color**

**Hex(B35805)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B35805
RGB	179, 88, 5
RGB Percent	70%, 35%, 2%
CMY	0.2980, 0.6549, 0.9804
CMYK	0.00, 0.51, 0.97, 0.30
HSL	29°, 95%, 36%
HSV	29°, 97%, 70%
XYZ	22.1075, 16.5741, 2.1775
YIQ	105.7470, 80.8790, -6.5210

# Conversions

## Conversions Part 2

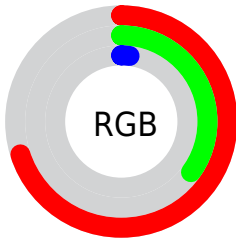
Format	Color
<a href="#">RYB</a>	<a href="#">179, 164, 5</a>
Decimal	<a href="#">11753477</a>
CIELab	<a href="#">47.72, 32.84, 55.57</a>
CIELCh	<a href="#">48, 64.553, 59.417</a>
Yxy	<a href="#">16.5741, 0.5411, 0.4056</a>
Android (android.graphics.Color)	<a href="#">4289943557</a> ( <a href="#">0xFFB35805</a> )
YUV	<a href="#">105.7470, -49.6683, 64.2429</a>
Hunter-Lab	<a href="#">40.7113, 25.6863, 25.3267</a>

# Details

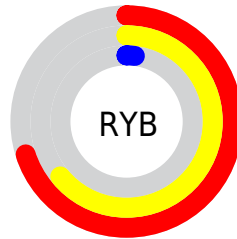
The Hex color **B35805** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **0560B3**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **F18B3F**, and **772700** is the 20% darker color. If you saturate the color by 10%, you get **B35500**, and if you desaturate by 10%, it is **B36117**.

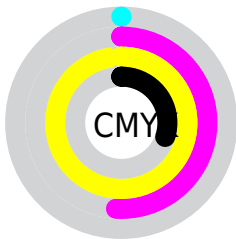
# Distribution



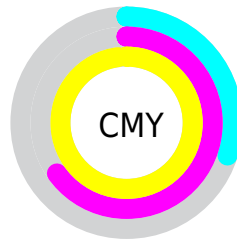
- Red (70%)
- Green (35%)
- Blue (2%)



- Red (70%)
- Yellow (64%)
- Blue (2%)



- Cyan (0%)
- Magenta (51%)
- Yellow (97%)
- Black (30%)



- Cyan (30%)
- Magenta (65%)
- Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B35805 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 B35805 by changing the saturation by 10% instead.



 B35805

 B35805

FFFFFFE

 953F00

 F18B3F

 772700

 FFA659

 5A0E00

 FFC273

 3E0000

 FFDE8D

 250001

 FFFBA8

 000000

 FFFFC4

 FFFFE1

 B35805

 B35805

 B35500

 B36117

 B36B29

 B3743B

 B37D4D

 B3875F

 B39070

 B39A82

 B3A394

 B3ACA6

# Harmonies

## Analogous

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



CC3D3F



B35805



8A6F00

# Triad

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



B35805



00896F



6A63D1

# Complementary

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



B35805



0560B3

# 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.



0078DF



B35805



0089A5

# Square

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



B35805



008536



0084CF



B046AA

# Rectangle

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



B35805



687900



0084CF



3D6BD9



# Sweetspot

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



B35805



E8C5A5



B30562



75604C



F5F5F5



757575



# Same Dimension

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



B35805



E86F00



B3AD05



595550



994900



1A0C00



# Inverse Universe

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



0560B3



0079E8



050BB3



505559



005099



000D1A



# Previews

## White Background



This preview shows how the Hex color B35805 looks on a white background.

## Color Contrast Check

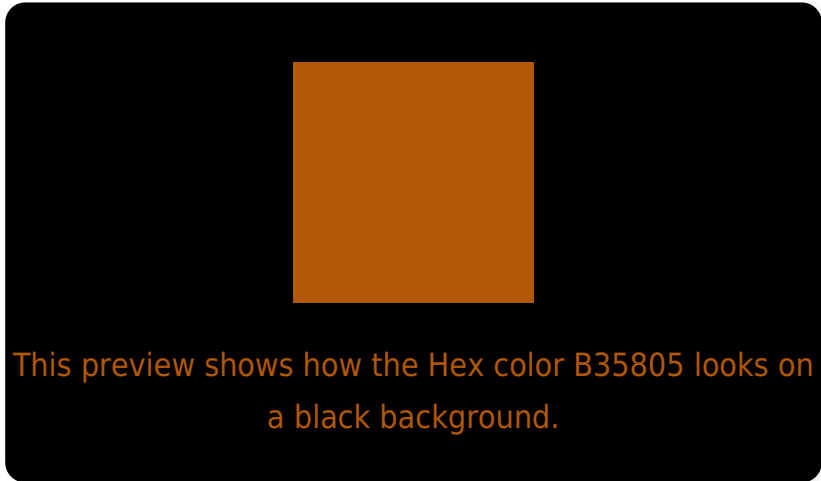
Large Text (above 18pt) WCAG AA ✓ Pass

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 B35805 Background



This preview shows how black text looks on a background with the Hex color B35805.



This preview shows how white text looks on a background with the Hex color B35805.

# 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**  
B35805

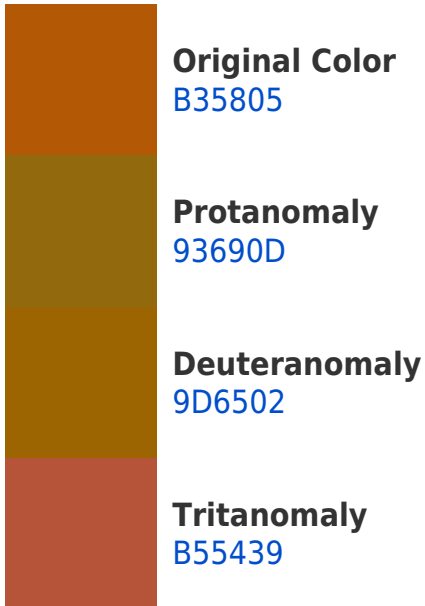
**Protanopia**  
807211

**Deuteranopia**  
906C00

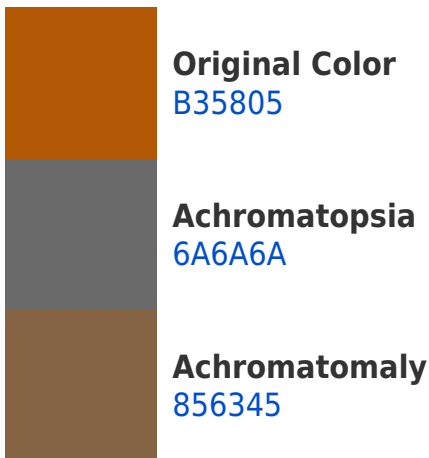


**Tritanopia**  
B65257

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B35805 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 #B35805 looks like.

```
.text, #text, p{  
    color:#B35805  
}
```

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 #B35805 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B35805
}
```

## Border

The CSS property to change the border of an element to Hex B35805 is called "border". The border property can be set on classes, ids or directly on the HTML element.

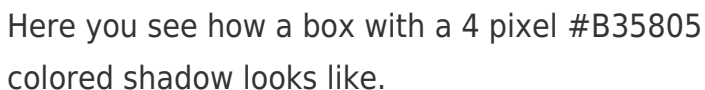
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B35805 }
```

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

```
.border{ border-color:#B35805 }
```

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



Here you see how a box with a 4 pixel #B35805 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B35805; -webkit-box-shadow:4px 4px  
4px 4px #B35805; box-shadow:4px 4px 4px  
4px #B35805 }
```

# Background

The CSS property to change the background color of an element to Hex B35805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B35805 }
```

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

```
.background{ background-color:#B35805 }
```

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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