

# Converting Colors

Hex(B85D00)

Have a look what the booklet for  
Hex(B85D00) contains.

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**Color**

**Hex(B85D00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B85D00
RGB	184, 93, 0
RGB Percent	72%, 36%, 0%
CMY	0.2784, 0.6353, 1.0000
CMYK	0.00, 0.49, 1.00, 0.28
HSL	30°, 100%, 36%
HSV	30°, 100%, 72%
XYZ	23.6815, 18.0190, 2.2299
YIQ	109.6070, 84.0890, -9.6310

# Conversions

## Conversions Part 2

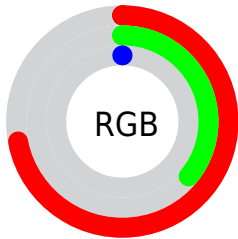
Format	Color
R <sub>Y</sub> B	180, 184, 0
Decimal	12082432
CIE Lab	49.52, 32.21, 58.25
CIE LCh	50, 66.561, 61.053
Yxy	18.0190, 0.5391, 0.4102
Android (android.graphics.Color)	4290272512 (0xFFB85D00)
YUV	109.6070, -54.0363, 65.2427
Hunter-Lab	42.4488, 25.2967, 26.5996

# Details

The Hex color **B85D00** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **005BB8**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **F6913E**, and **7C2C00** is the 20% darker color. If you saturate the color by 10%, you get **B85D00**, and if you desaturate by 10%, it is **B86612**.

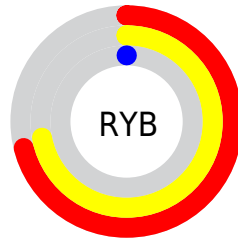
# Distribution



Red (72%)

Green (36%)

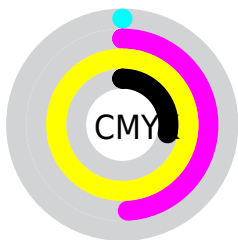
Blue (0%)



Red (71%)

Yellow (72%)

Blue (0%)

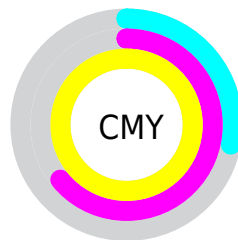


Cyan (0%)

Magenta (49%)

Yellow (100%)

Black (28%)



Cyan (28%)

Magenta (64%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B85D00 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 B85D00 by changing the saturation by 10% instead.



 B85D00

 B85D00

FFFFFFD

 9A4400

 F6913E

 7C2C00

 FFAB58

 5E1400

 FFC772

 420000

 FFE38C

 2B0001

 FFFFA8

 000000

 FFFFC4

 FFFFEO

 B85D00

 B86612

 B86F25

 B87837

 B8814A

 B88B5C

 B8946E

 B89D81

 B8A693

 B8AFA6

# Harmonies

## Analogous

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



D3413F



B85D00



8C7400

# Triad

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



B85D00



008E76



7366D8

# Complementary

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



B85D00



005BB8

# 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.



007CE8



B85D00



008EAF

# Square

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



B85D00



008B3B



0089D9



BA48AD

# Rectangle

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



B85D00



687F00



0089D9



496EE0



# Sweetspot

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



B85D00



F0CCA8



B8005C



78634D



F7F7F7



787878



# Same Dimension

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



B85D00



F07900



B8B800



5C5753



9C4F00



1C0E00



# Inverse Universe

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



005BB8



0077F0



0000B8



53575C



004D9C

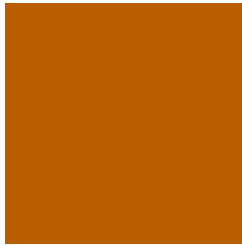


000E1C



# Previews

## White Background



This preview shows how the Hex color B85D00 looks on a white background.

## Color Contrast Check

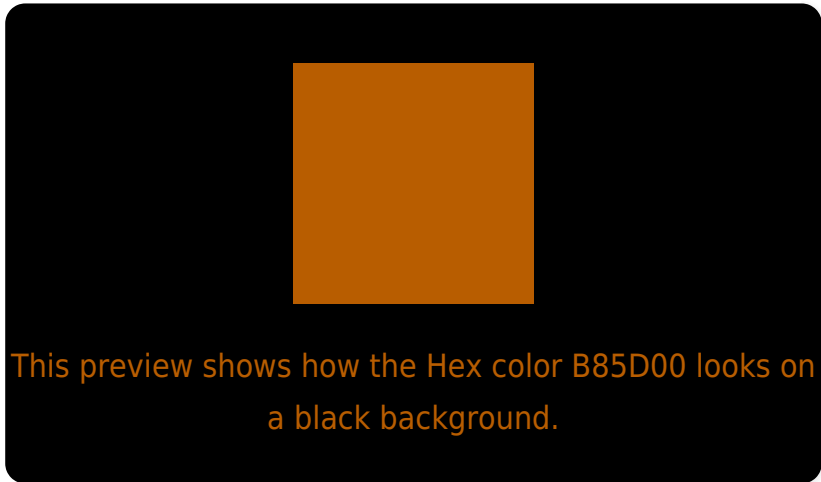
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B85D00 Background



This preview shows how black text looks on a background with the Hex color B85D00.



This preview shows how white text looks on a background with the Hex color B85D00.

# 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**  
B85D00

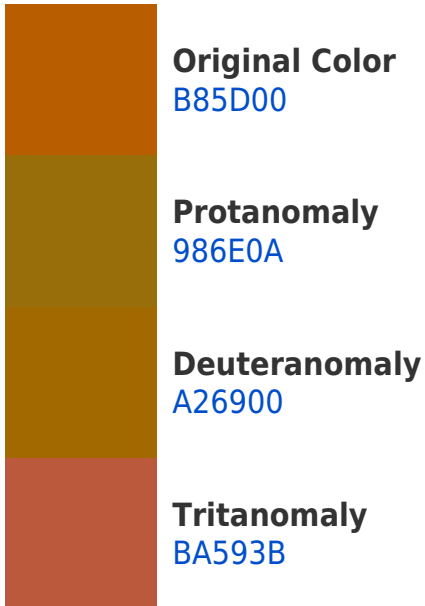
**Protanopia**  
857710

**Deuteranopia**  
967000



**Tritanopia**  
BB565C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B85D00 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 #B85D00 looks like.

```
.text, #text, p{  
    color:#B85D00  
}
```

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 #B85D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B85D00
}
```

## Border

The CSS property to change the border of an element to Hex B85D00 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
#B85D00 }
```

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

```
.border{ border-color:#B85D00 }
```

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

Here you see how a box with a 4 pixel #B85D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B85D00; -webkit-box-shadow:4px 4px  
4px 4px #B85D00; box-shadow:4px 4px 4px  
4px #B85D00 }
```

# Background

The CSS property to change the background color of an element to Hex B85D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B85D00 }
```

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

```
.background{ background-color:#B85D00 }
```

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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