

# Converting Colors

Hex(85680B)

Have a look what the booklet for  
Hex(85680B) contains.

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**Color**

**Hex(85680B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85680B
RGB	133, 104, 11
RGB Percent	52%, 41%, 4%
CMY	0.4784, 0.5922, 0.9569
CMYK	0.00, 0.22, 0.92, 0.48
HSL	46°, 85%, 28%
HSV	46°, 92%, 52%
XYZ	14.6836, 14.9113, 2.4209
YIQ	102.0690, 47.1370, -22.7750

# Conversions

## Conversions Part 2

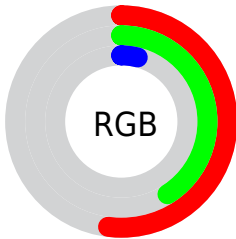
<b>Format</b>	<b>Color</b>
<b>RYB</b>	49, 133, 11
Decimal	8742923
CIELab	45.51, 3.15, 49.82
CIELCh	46, 49.917, 86.384
Yxy	14.9113, 0.4586, 0.4657
Android (android.graphics.Color)	4286933003 (0xFF85680B)
YUV	102.0690, -44.8970, 27.1265
Hunter-Lab	38.6152, 0.2987, 23.3136

# Details

The Hex color **85680B** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0B2885**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **BE9B43**, and **4F3900** is the 20% darker color. If you saturate the color by 10%, you get **856500**, and if you desaturate by 10%, it is **856B18**.

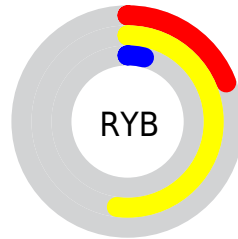
# Distribution



Red (52%)

Green (41%)

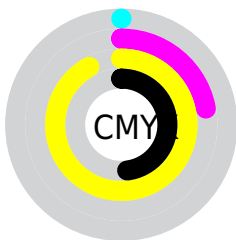
Blue (4%)



Red (19%)

Yellow (52%)

Blue (4%)

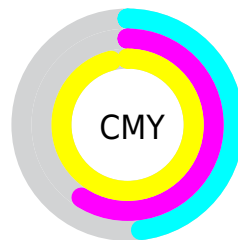


Cyan (0%)

Magenta (22%)

Yellow (92%)

Black (48%)



Cyan (48%)

Magenta (59%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85680B 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 85680B by changing the saturation by 10% instead.



 85680B

 85680B

FFFFFF

 6A5000

 BE9B43

 4F3900

 DBB65C

 352400

 F9D176

 1C1000

 FFED91

 000000

 FFFFAC

 FFFFC8

 FFFF E5

 85680B

 85680B

■ 856500

■ 856B18

■ 856E26

■ 857133

■ 857540

■ 85784E

■ 857B5B

■ 857E68

■ 858175

■ 858483

# Harmonies

## Analogous

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



A45725



85680B



5D7418

# Triad

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



85680B



007F90



99509B

# Complementary

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



85680B



0B2885

# 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.



6263B7



85680B



007BB1

# Square

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



85680B



007F65



0072BF



B34373

# Rectangle

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



85680B



3A7A2E



0072BF



8B56A6



# Sweetspot

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



85680B



ADA27D



850B2A



575039



D6D6D6



575757



# Same Dimension

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



85680B



AD8400



67850B



42413C



826300



030200



# Inverse Universe

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



0B2885



0029AD



2A0B85



3C3D42



001F82

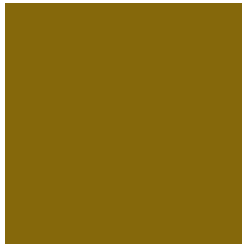


000103



# Previews

## White Background



This preview shows how the Hex color 85680B looks on a white background.

## Color Contrast Check

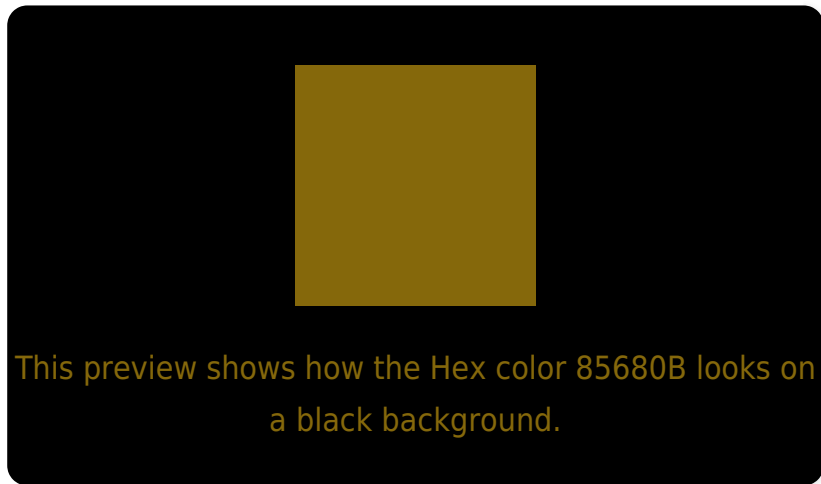
Large Text (above 18pt) WCAG AA ✓ Pass

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 85680B Background



This preview shows how black text looks on a background with the Hex color 85680B.



This preview shows how white text looks on a background with the Hex color 85680B.

# 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**  
85680B

**Protanopia**  
7A6C0D

**Deuteranopia**  
89660D



**Tritanopia**  
8A6168

# Trichromacy



**Original Color**  
85680B

**Protanomaly**  
7E6B0C

**Deuteranomaly**  
88670C

**Tritanomaly**  
886446

# Monochromacy



**Original Color**  
85680B

**Achromatopsia**  
666666

**Achromatomaly**  
716745

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85680B 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 #85680B looks like.

```
.text, #text, p{  
    color:#85680B  
}
```

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 #85680B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85680B
}
```

## Border

The CSS property to change the border of an element to Hex 85680B is called "border". The border property can be set on classes, ids or directly on the HTML element.

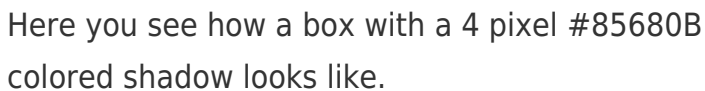
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#85680B }
```

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

```
.border{ border-color:#85680B }
```

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



Here you see how a box with a 4 pixel #85680B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85680B; -webkit-box-shadow:4px 4px  
4px 4px #85680B; box-shadow:4px 4px 4px  
4px #85680B }
```

# Background

The CSS property to change the background color of an element to Hex 85680B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85680B }
```

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

```
.background{ background-color:#85680B }
```

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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