

# Converting Colors

Hex(865A0B)

Have a look what the booklet for  
Hex(865A0B) contains.

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# Color

Hex(865A0B)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 865A0B                     |
| RGB           | 134, 90, 11                |
| RGB Percent   | 53%, 35%, 4%               |
| CMY           | 0.4745, 0.6471, 0.9569     |
| CMYK          | 0.00, 0.33, 0.92, 0.47     |
| HSL           | 39°, 85%, 28%              |
| HSV           | 39°, 92%, 53%              |
| XYZ           | 13.5481, 12.4048, 1.9969   |
| YIQ           | 94.1500, 51.5830, -15.2410 |

# Conversions

## Conversions Part 2

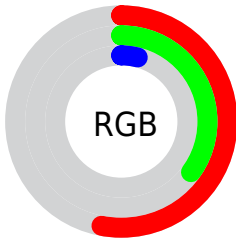
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 80, 134, 11                   |
| Decimal                             | 8804875                       |
| CIE Lab                             | 41.85, 11.82, 47.00           |
| CIE LCh                             | 42, 48.467, 75.882            |
| Yxy                                 | 12.4048, 0.4847,<br>0.4438    |
| Android<br>(android.graphics.Color) | 4286994955<br>(0xFF865A0B)    |
| YUV                                 | 94.1500, -40.9929,<br>34.9485 |
| Hunter-Lab                          | 35.2205, 7.0269,<br>21.2927   |

# Details

The Hex color **865A0B** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0B3786**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **BF8C40**, and **4F2C00** is the 20% darker color. If you saturate the color by 10%, you get **865600**, and if you desaturate by 10%, it is **865F18**.

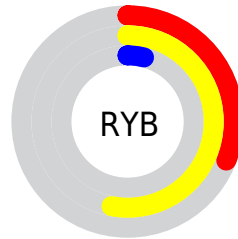
# Distribution



Red (53%)

Green (35%)

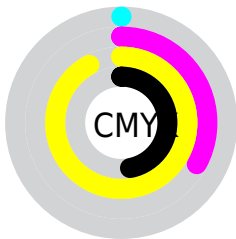
Blue (4%)



Red (31%)

Yellow (53%)

Blue (4%)

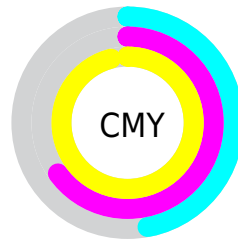


Cyan (0%)

Magenta (33%)

Yellow (92%)

Black (47%)



Cyan (47%)

Magenta (65%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 865A0B 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 865A0B by changing the saturation by 10% instead.





865A0B



865A0B

FFFFFFD



6A4300



BF8C40



4F2C00



DDA659



351800



FBC173



1D0000



FFDD8D



000000



FFFAA8



FFFFC4



FFFFE1



865A0B



865A0B

■ 865600

■ 865F18

■ 866426

■ 866833

■ 866D41

■ 86724E

■ 86775B

■ 867C69

■ 868076

■ 868584

# Harmonies

## Analogous

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



A0492B



865A0B



626706

# Triad

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



865A0B



007577



7F4E9B

# Complementary

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



865A0B



0B3786

# 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.



3A60B0



865A0B



00739B

# Square

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



865A0B



00744E



006DB0



A13E77

# Rectangle

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



865A0B



456E1B



006DB0



6E55A4



# Sweetspot

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



865A0B



AD9C7D



860B38



574C39



D6D6D6



575757



# Same Dimension

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



865A0B



AD6F00



76860B



42403C



825400



030200



# Inverse Universe

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



0B3786



003EAD



1B0B86



3C3E42



002F82

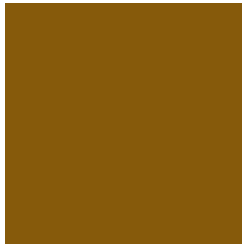


000103



# Previews

## White Background



This preview shows how the Hex color 865A0B looks on a white background.

## Color Contrast Check

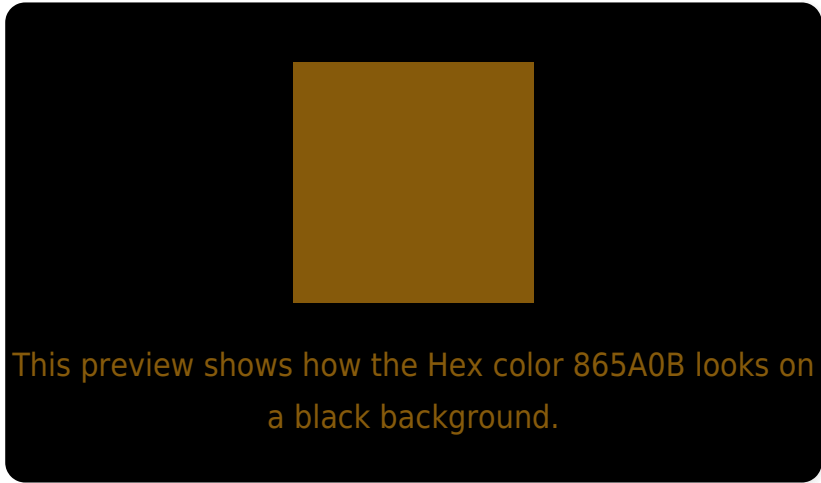
Large Text (above 18pt) WCAG AA ✓ Pass

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 865A0B Background



This preview shows how black text looks on a background with the Hex color 865A0B.



This preview shows how white text looks on a background with the Hex color 865A0B.

# 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**  
865A0B

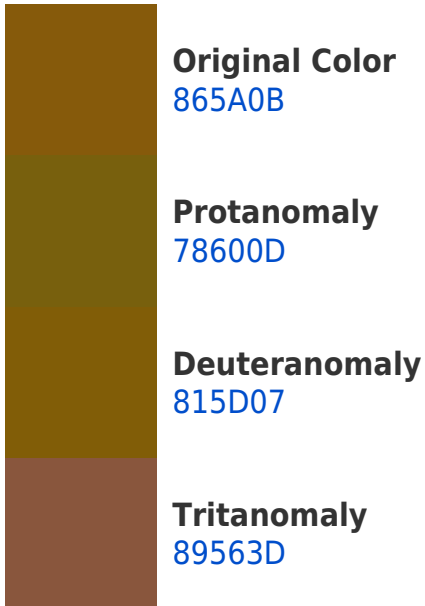
**Protanopia**  
70630E

**Deuteranopia**  
7E5E04

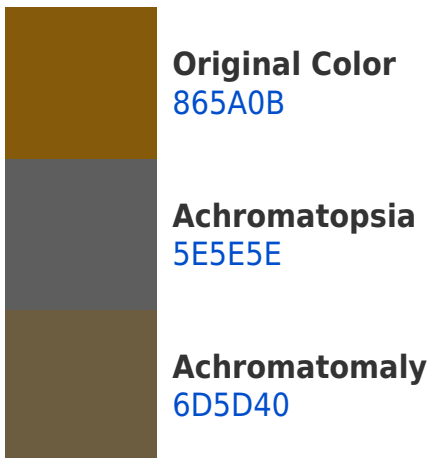


**Tritanopia**  
8A545A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 865A0B 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 #865A0B looks like.

```
.text, #text, p{  
    color:#865A0B  
}
```

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 #865A0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #865A0B
}
```

## Border

The CSS property to change the border of an element to Hex 865A0B is called "border". The border property can be set on classes, ids or directly on the HTML element.

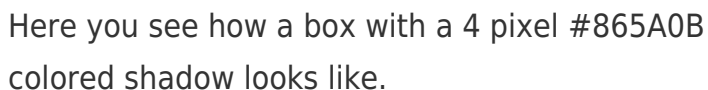
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#865A0B }
```

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

```
.border{ border-color:#865A0B }
```

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



Here you see how a box with a 4 pixel #865A0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #865A0B; -webkit-box-shadow:4px 4px  
4px 4px #865A0B; box-shadow:4px 4px 4px  
4px #865A0B }
```

# Background

The CSS property to change the background color of an element to Hex 865A0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#865A0B }
```

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

```
.background{ background-color:#865A0B }
```

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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