

# Converting Colors

Hex(846B11)

Have a look what the booklet for  
Hex(846B11) contains.

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**Color**

**Hex(846B11)**

# Conversions

## Conversions Part 1

Format	Color
Hex	846B11
RGB	132, 107, 17
RGB Percent	52%, 42%, 7%
CMY	0.4824, 0.5804, 0.9333
CMYK	0.00, 0.19, 0.87, 0.48
HSL	47°, 77%, 29%
HSV	47°, 87%, 52%
XYZ	14.8746, 15.4614, 2.7307
YIQ	104.2150, 43.7900, -22.6900

# Conversions

## Conversions Part 2

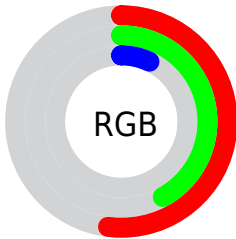
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	49, 132, 17
Decimal	8678161
CIE Lab	46.26, 1.09, 48.80
CIE LCh	46, 48.815, 88.726
Yxy	15.4614, 0.4498, 0.4676
Android (android.graphics.Color)	4286868241 (0xFF846B11)
YUV	104.2150, -42.9970, 24.3674
Hunter-Lab	39.3210, -1.2876, 23.4072

# Details

The Hex color **846B11** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **112A84**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **BC9E46**, and **4F3C00** is the 20% darker color. If you saturate the color by 10%, you get **846804**, and if you desaturate by 10%, it is **846E1E**.

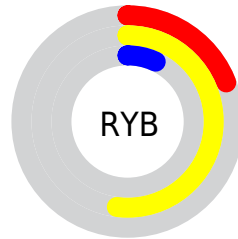
# Distribution



Red (52%)

Green (42%)

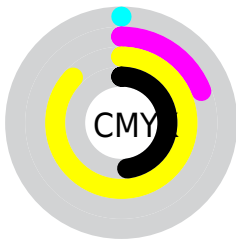
Blue (7%)



Red (19%)

Yellow (52%)

Blue (7%)

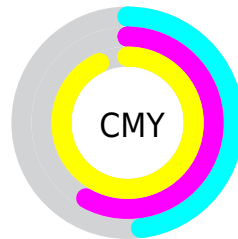


Cyan (0%)

Magenta (19%)

Yellow (87%)

Black (48%)



Cyan (48%)

Magenta (58%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 846B11 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 846B11 by changing the saturation by 10% instead.





846B11



846B11

FFFFFF



695300



BC9E46



4F3C00



DAB960



342700



F7D47A



1C1300



FFF195



000000



FFFFB0



FFFACC



FFFEE9



846B11



846B11

■ 846804

■ 846E1E

■ 846700

■ 84712B

■ 847439

■ 847646

■ 847953

■ 847C60

■ 847F6D

■ 84827B

■ 848588

# Harmonies

## Analogous

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



A35B27



846B11



5C771F

# Triad

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



846B11



008194



9D5299

# Complementary

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



846B11



112A84

# 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.



6A63B6



846B11



007CB3

# Square

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



846B11



00816A



0073C0



B54771

# Rectangle

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



846B11



387C34



0073C0



9057A4



# Sweetspot

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



846B11



ABA17E



84112C



57513C



D6D6D6



575757



# Same Dimension

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



846B11



AB8600



658411



42413C



826600



030200



# Inverse Universe

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



112A84



0025AB



301184



3C3D42



001C82

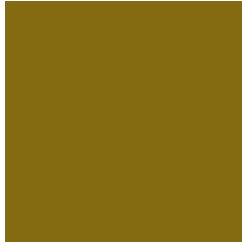


000103



# Previews

## White Background



This preview shows how the Hex color 846B11 looks on a white background.

## Color Contrast Check

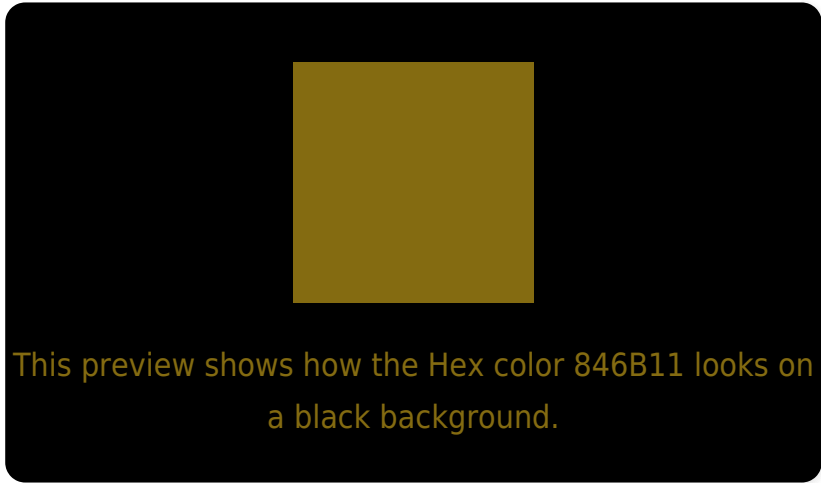
Large Text (above 18pt) WCAG AA ✓ Pass

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

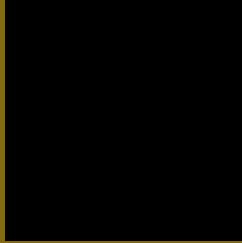
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 846B11 Background



This preview shows how black text looks on a background with the Hex color 846B11.



This preview shows how white text looks on a background with the Hex color 846B11.

# 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**  
846B11

**Protanopia**  
7C6E12

**Deuteranopia**  
8B6813



**Tritanopia**  
8A646B

# Trichromacy



**Original Color**  
846B11

**Protanomaly**  
7F6D12

**Deuteranomaly**  
886912

**Tritanomaly**  
88674A

# Monochromacy



**Original Color**  
846B11

**Achromatopsia**  
686868

**Achromatomaly**  
726948

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 846B11 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 #846B11 looks like.

```
.text, #text, p{  
    color:#846B11  
}
```

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 #846B11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #846B11
}
```

## Border

The CSS property to change the border of an element to Hex 846B11 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
#846B11 }
```

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

```
.border{ border-color:#846B11 }
```

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

Here you see how a box with a 4 pixel #846B11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #846B11; -webkit-box-shadow:4px 4px  
4px 4px #846B11; box-shadow:4px 4px 4px  
4px #846B11 }
```

# Background

The CSS property to change the background color of an element to Hex 846B11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#846B11 }
```

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

```
.background{ background-color:#846B11 }
```

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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