

# Converting Colors

Hex(85AD0E)

Have a look what the booklet for  
Hex(85AD0E) contains.

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**Color**

**Hex(85AD0E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	85AD0E
RGB	133, 173, 14
RGB Percent	52%, 68%, 5%
CMY	0.4784, 0.3216, 0.9451
CMYK	0.23, 0.00, 0.92, 0.32
HSL	75°, 85%, 37%
HSV	75°, 92%, 68%
XYZ	24.6957, 34.9054, 5.8513
YIQ	142.9140, 27.1990, -57.9290

# Conversions

## Conversions Part 2

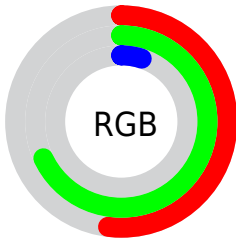
Format	Color
<a href="#">RYB</a>	<a href="#">14, 173, 54</a>
Decimal	<a href="#">8760590</a>
CIELab	<a href="#">65.67, -32.99, 65.35</a>
CIELCh	<a href="#">66, 73.202, 116.789</a>
Yxy	<a href="#">34.9054, 0.3773, 0.5333</a>
Android (android.graphics.Color)	<a href="#">4286950670</a> ( <a href="#">0xFF85AD0E</a> )
YUV	<a href="#">142.9140, -63.5546, -8.6946</a>
Hunter-Lab	<a href="#">59.0808, -28.7786, 35.4846</a>

# Details

The Hex color **85AD0E** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **360EAD**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **BEE551**, and **4E7800** is the 20% darker color. If you saturate the color by 10%, you get **81AD00**, and if you desaturate by 10%, it is **89AD1F**.

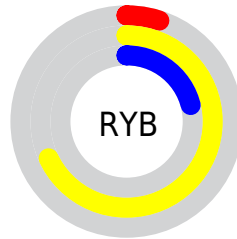
# Distribution



Red (52%)

Green (68%)

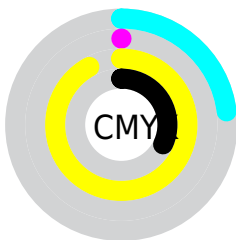
Blue (5%)



Red (5%)

Yellow (68%)

Blue (21%)

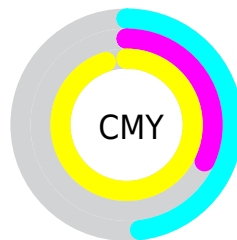


Cyan (23%)

Magenta (0%)

Yellow (92%)

Black (32%)



Cyan (48%)

Magenta (32%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85AD0E 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 85AD0E by changing the saturation by 10% instead.





85AD0E



85AD0E

FFFFFF



699200



BEE551



4E7800



DBFF6D



325F00



F9FF89



134700



FFFFA5



003000



FFFFC1



001C00



FFFFDE



000000



FFFFFC



85AD0E



85AD0E

81AD00

89AD1F

8EAD31

92AD42

96AD53

9BAD65

9FAD76

A3AD87

A8AD98

ACADAA

# Harmonies

## Analogous

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



C59A00



85AD0E



00B853

# Triad

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



85AD0E



00B8FF



FF5CA9

# Complementary

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



85AD0E



360EAD

# 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.



E772E8



85AD0E



00A AFF

# Square

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



85AD0E



00BDD9



8F91FF



FF6469

# Rectangle

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



85AD0E



00BC7F



8F91FF



FF60BF



# Sweetspot

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



85AD0E



D1E0A2



AD360E



67704A



F0F0F0



707070



# Same Dimension

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



85AD0E



A8E000



36AD0E



55574E



719600



111700



# Inverse Universe

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



360EAD



3800E0



850EAD



504E57



260096



060017



# Previews

## White Background



This preview shows how the Hex color 85AD0E looks on a white background.

## Color Contrast Check

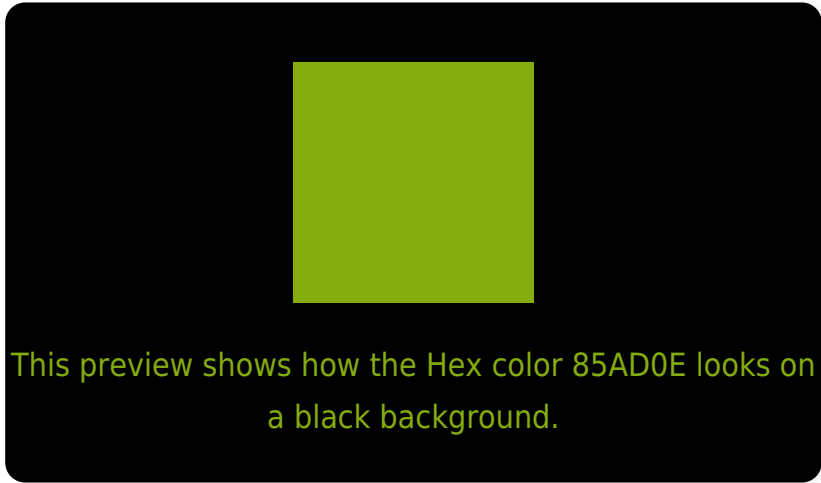
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

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 ✓ Pass

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



## Hex 85AD0E Background



This preview shows how black text looks on a background with the Hex color 85AD0E.



This preview shows how white text looks on a background with the Hex color 85AD0E.

# 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**  
85AD0E

**Protanopia**  
B39F04

**Deuteranopia**  
C89722



**Tritanopia**  
94A1AE

# Trichromacy



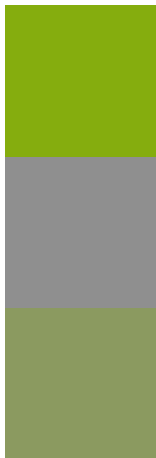
**Original Color**  
85AD0E

**Protanomaly**  
A2A408

**Deuteranomaly**  
B09F1B

**Tritanomaly**  
8FA574

# Monochromacy



**Original Color**  
85AD0E

**Achromatopsia**  
8F8F8F

**Achromatomaly**  
8B9A60

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85AD0E 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 #85AD0E looks like.

```
.text, #text, p{  
    color:#85AD0E  
}
```

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 #85AD0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85AD0E
}
```

## Border

The CSS property to change the border of an element to Hex 85AD0E 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
#85AD0E }
```

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

```
.border{ border-color:#85AD0E }
```

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

Here you see how a box with a 4 pixel #85AD0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85AD0E; -webkit-box-shadow:4px 4px  
4px 4px #85AD0E; box-shadow:4px 4px 4px  
4px #85AD0E }
```

# Background

The CSS property to change the background color of an element to Hex 85AD0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85AD0E }
```

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

```
.background{ background-color:#85AD0E }
```

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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