

Converting Colors

Hex(85AA0D)

Have a look what the booklet for
Hex(85AA0D) contains.

Hex(85AA0D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(85AA0D)

Conversions

Conversions Part 1

Format	Color
Hex	85AA0D
RGB	133, 170, 13
RGB Percent	52%, 67%, 5%
CMY	0.4784, 0.3333, 0.9490
CMYK	0.22, 0.00, 0.92, 0.33
HSL	74°, 86%, 36%
HSV	74°, 92%, 67%
XYZ	24.1202, 33.7651, 5.6268
YIQ	141.0390, 28.3450, -56.6710

Conversions

Conversions Part 2

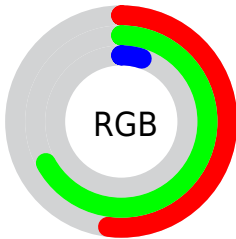
Format	Color
RYB	13, 170, 50
Decimal	8759821
CIELab	64.78, -31.61, 64.77
CIELCh	65, 72.076, 116.016
Yxy	33.7651, 0.3798, 0.5316
Android (android.graphics.Color)	4286949901 (0xFF85AA0D)
YUV	141.0390, -63.1232, -7.0502
Hunter-Lab	58.1077, -27.5940, 34.9341

Details

The Hex color **85AA0D** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **320DAA**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **BEE150**, and **4E7600** is the 20% darker color. If you saturate the color by 10%, you get **82AA00**, and if you desaturate by 10%, it is **89AA1E**.

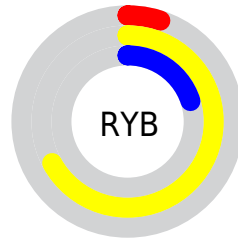
Distribution



Red (52%)

Green (67%)

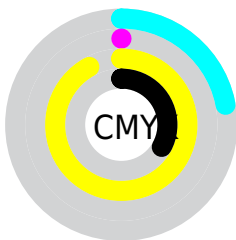
Blue (5%)



Red (5%)

Yellow (67%)

Blue (20%)

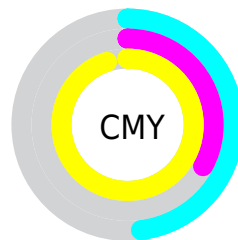


Cyan (22%)

Magenta (0%)

Yellow (92%)

Black (33%)



Cyan (48%)

Magenta (33%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85AA0D 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 85AA0D by changing the saturation by 10% instead.

 85AA0D

 85AA0D

FFFFFF

 698F00

 BEE150

 4E7600

 DBFE6C

 335D00

 F9FF87

 144500

 FFFFA3

 002E00

 FFFFC0

 001900

 FFFFDD

 000000

 FFFFFA

 85AA0D

 85AA0D

■ 82AA00

■ 89AA1E

■ 8DAA2F

■ 91AA40

■ 95AA51

■ 99AA62

■ 9DAA73

■ A1AA84

■ A5AA95

■ A9AAA6

Harmonies

Analogous

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



C39700



85AA0D



12B550

Triad

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



85AA0D



00B5FF



FF5BA9

Complementary

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



85AA0D



320DAA

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.



E271E6



85AA0D



00A7FF

Square

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



85AA0D



00BAD4



8A90FF



FF6269

Rectangle

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



85AA0D



00B97C



8A90FF



FF60BE

Sweetspot

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



85AA0D



CFDEA0



AA320D



67704A



F0F0F0



707070

Same Dimension

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



85AA0D



AADE00



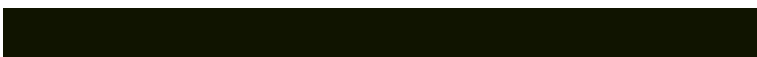
37AA0D



52544C



719400



101400

Inverse Universe

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



320DAA



3400DE



800DAA



4E4C54



230094



050014

Previews

White Background



This preview shows how the Hex color 85AA0D looks on a white background.

Color Contrast Check

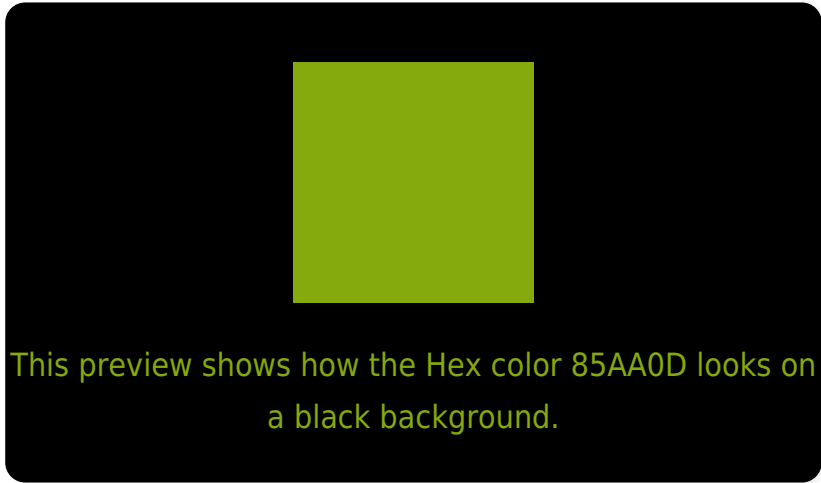
Large Text (above 18pt) WCAG AA × Fail

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 85AA0D Background



This preview shows how black text looks on a background with the Hex color 85AA0D.



This preview shows how white text looks on a background with the Hex color 85AA0D.

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
85AA0D

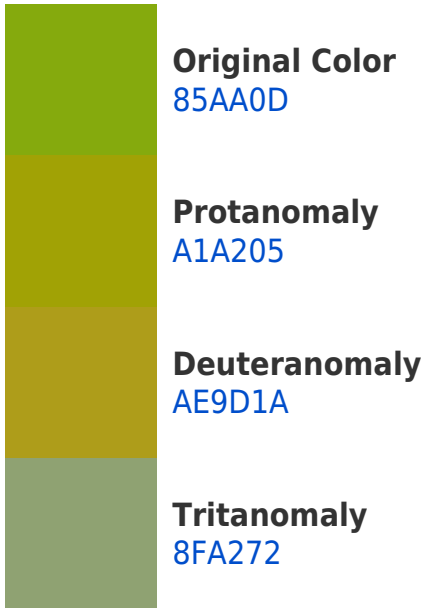
Protanopia
B19D00

Deuteranopia
C59521

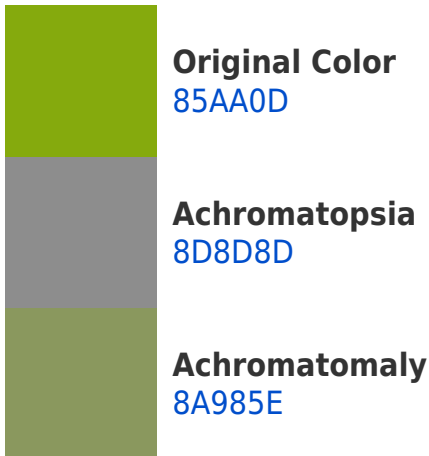


Tritanopia
949EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85AA0D 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 #85AA0D looks like.

```
.text, #text, p{  
    color:#85AA0D  
}
```

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 #85AA0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85AA0D
}
```

Border

The CSS property to change the border of an element to Hex 85AA0D 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
#85AA0D }
```

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

```
.border{ border-color:#85AA0D }
```

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

Here you see how a box with a 4 pixel #85AA0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85AA0D; -webkit-box-shadow:4px 4px  
4px 4px #85AA0D; box-shadow:4px 4px 4px  
4px #85AA0D }
```

Background

The CSS property to change the background color of an element to Hex 85AA0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85AA0D }
```

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

```
.background{ background-color:#85AA0D }
```

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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