

Converting Colors

Hex(85A017)

Have a look what the booklet for
Hex(85A017) contains.

Hex(85A017)	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(85A017)

Conversions

Conversions Part 1

Format	Color
Hex	85A017
RGB	133, 160, 23
RGB Percent	52%, 63%, 9%
CMY	0.4784, 0.3725, 0.9098
CMYK	0.17, 0.00, 0.86, 0.37
HSL	72°, 75%, 36%
HSV	72°, 86%, 63%
XYZ	22.3983, 30.1900, 5.4574
YIQ	136.3090, 27.8850, -48.3310

Conversions

Conversions Part 2

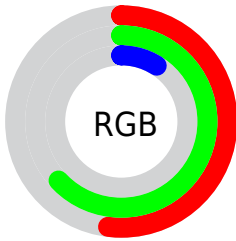
Format	Color
RYB	23, 160, 50
Decimal	8757271
CIELab	61.82, -26.58, 60.43
CIElCh	62, 66.018, 113.747
Yxy	30.1900, 0.3859, 0.5201
Android (android.graphics.Color)	4286947351 (0xFF85A017)
YUV	136.3090, -55.8613, -2.9020
Hunter-Lab	54.9454, -23.3896, 32.5729

Details

The Hex color **85A017** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3217A0**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **BDD753**, and **4F6C00** is the 20% darker color. If you saturate the color by 10%, you get **82A007**, and if you desaturate by 10%, it is **88A027**.

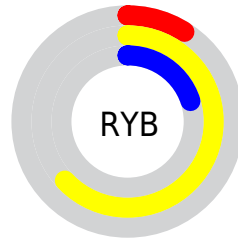
Distribution



Red (52%)

Green (63%)

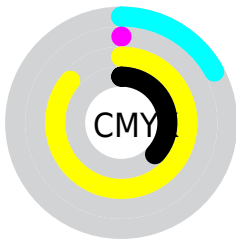
Blue (9%)



Red (9%)

Yellow (63%)

Blue (20%)

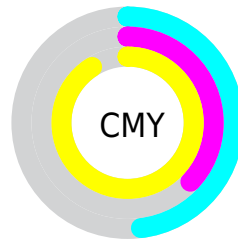


Cyan (17%)

Magenta (0%)

Yellow (86%)

Black (37%)



Cyan (48%)

Magenta (37%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85A017 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 85A017 by changing the saturation by 10% instead.



85A017



85A017

FFFFFF



6A8600



BDD753



4F6C00



DAF36E



345400



F8FF89



183D00



FFFFA5



002700



FFFFC1



000C00



FFFFDE



000000



FFFFFB



85A017



85A017

■ 82A007

■ 88A027

■ 80A000

■ 8BA037

■ 8EA047

■ 92A057

■ 95A067

■ 98A077

■ 9BA087

■ 9EA097

■ A1A0A7

Harmonies

Analogous

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



BC8E06



85A017



31AB4C

Triad

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



85A017



00ACF3



F75CA4

Complementary

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



85A017



3217A0

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.



D070DB



85A017



00A0FF

Square

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



85A017



00B0C3



7D8BFF



FD606A

Rectangle

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



85A017



00AF72



7D8BFF



EE61B8

Sweetspot

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



85A017



C6D19B



A03017



626948



E8E8E8



696969

Same Dimension

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



85A017



A8D100



42A017



4D4F47



738F00



0C0F00

Inverse Universe

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



3217A0



2900D1



7517A0



49474F



1C008F



03000F

Previews

White Background



This preview shows how the Hex color 85A017 looks on a white background.

Color Contrast Check

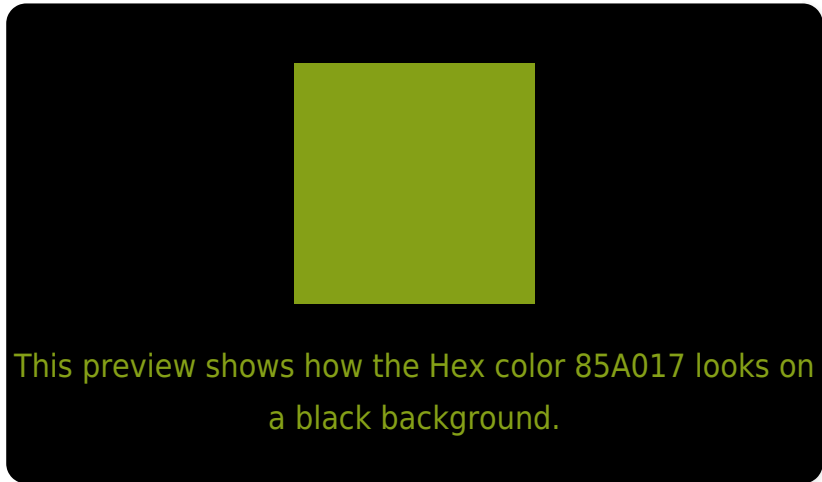
Large Text (above 18pt) WCAG AA × Fail

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 85A017 Background



This preview shows how black text looks on a background with the Hex color 85A017.



This preview shows how white text looks on a background with the Hex color 85A017.

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
85A017

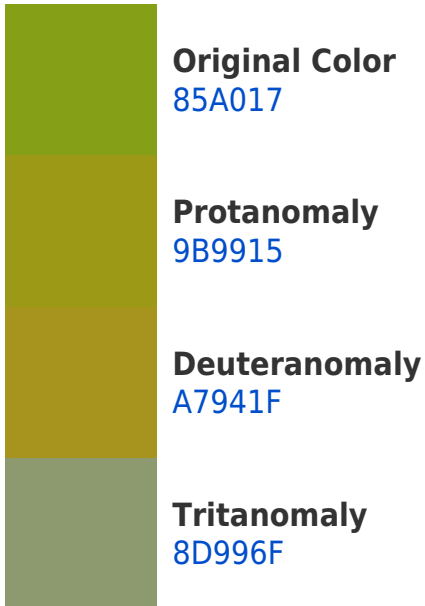
Protanopia
A89514

Deuteranopia
BB8D23



Tritanopia
9295A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85A017 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 #85A017 looks like.

```
.text, #text, p{  
    color:#85A017  
}
```

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 #85A017 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85A017
}
```

Border

The CSS property to change the border of an element to Hex 85A017 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
#85A017 }
```

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

```
.border{ border-color:#85A017 }
```

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

Here you see how a box with a 4 pixel #85A017 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85A017; -webkit-box-shadow:4px 4px  
4px 4px #85A017; box-shadow:4px 4px 4px  
4px #85A017 }
```

Background

The CSS property to change the background color of an element to Hex 85A017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85A017 }
```

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

```
.background{ background-color:#85A017 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor