

Converting Colors

Hex(849E05)

Have a look what the booklet for
Hex(849E05) contains.

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Color

Hex(849E05)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 849E05 |
| RGB | 132, 158, 5 |
| RGB Percent | 52%, 62%, 2% |
| CMY | 0.4824, 0.3804, 0.9804 |
| CMYK | 0.16, 0.00, 0.97, 0.38 |
| HSL | 70°, 94%, 32% |
| HSV | 70°, 97%, 62% |
| XYZ | 21.7700, 29.3702, 4.6652 |
| YIQ | 132.7840, 33.6170, -53.0950 |

Conversions

Conversions Part 2

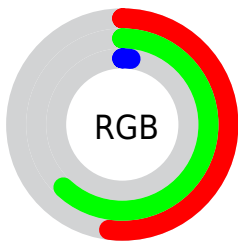
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 5, 158, 31 |
| Decimal | 8691205 |
| CIE _{Lab} | 61.11, -26.44, 62.96 |
| CIE _{LCh} | 61, 68.284, 112.777 |
| Yxy | 29.3702, 0.3901, 0.5263 |
| Android (android.graphics.Color) | 4286881285 (0xFF849E05) |
| YUV | 132.7840, -62.9975, -0.6876 |
| Hunter-Lab | 54.1943, -23.1361, 32.8322 |

Details

The Hex color **849E05** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **1F059E**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **BDD54B**, and **4D6B00** is the 20% darker color. If you saturate the color by 10%, you get **839E00**, and if you desaturate by 10%, it is **879E15**.

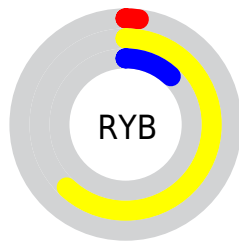
Distribution



Red (52%)

Green (62%)

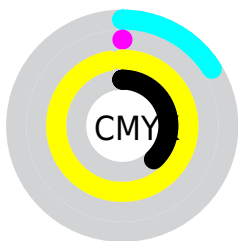
Blue (2%)



Red (2%)

Yellow (62%)

Blue (12%)

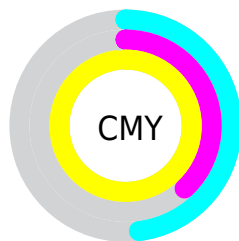


Cyan (16%)

Magenta (0%)

Yellow (97%)

Black (38%)



Cyan (48%)

Magenta (38%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 849E05 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 849E05 by changing the saturation by 10% instead.



849E05



849E05

FFFFFF



688400



BDD54B



4D6B00



DAF166



335200



F7FF82



173B00



FFFF9E



002500



FFFFBA



000800



FFFFD7



000000



FFFFF4



849E05



849E05

■ 839E00

■ 879E15

■ 899E25

■ 8C9E34

■ 8F9E44

■ 919E54

■ 949E64

■ 979E74

■ 999E83

■ 9C9E93

Harmonies

Analogous

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



BD8C00



849E05



2CA945

Triad

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



849E05



00ABF3



F757A5

Complementary

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



849E05



1F059E

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.



CE6EDD



849E05



009FFF

Square

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



849E05



00AFC1



758AFF



FE5A69

Rectangle

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



849E05



00AD6D



758AFF



EE5CB9

Sweetspot

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



849E05



C4CF93



9E1E05



626944



E8E8E8



696969

Same Dimension

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



849E05



ABCF00



389E05



4E4F47



778F00



0D0F00

Inverse Universe

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



1F059E



2300CF



6B059E



48474F



18008F



03000F

Previews

White Background



This preview shows how the Hex color 849E05 looks on a white background.

Color Contrast Check

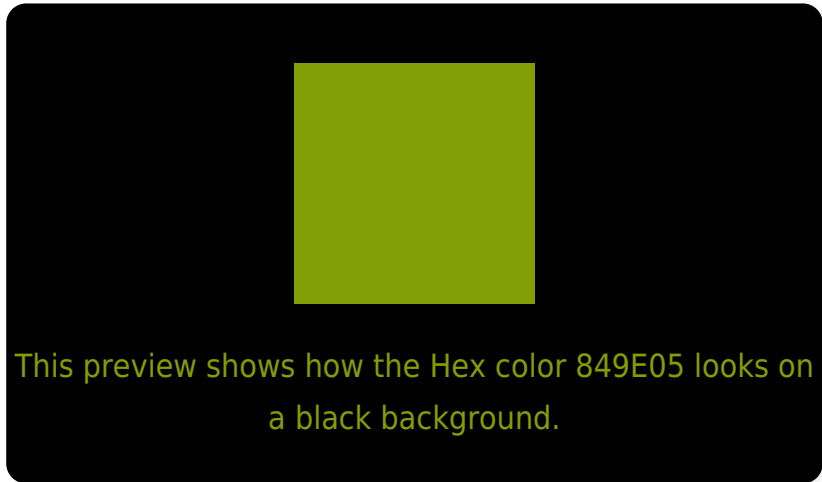
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 × Fail

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

Hex 849E05 Background



This preview shows how black text looks on a background with the Hex color 849E05.



This preview shows how white text looks on a background with the Hex color 849E05.

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
849E05

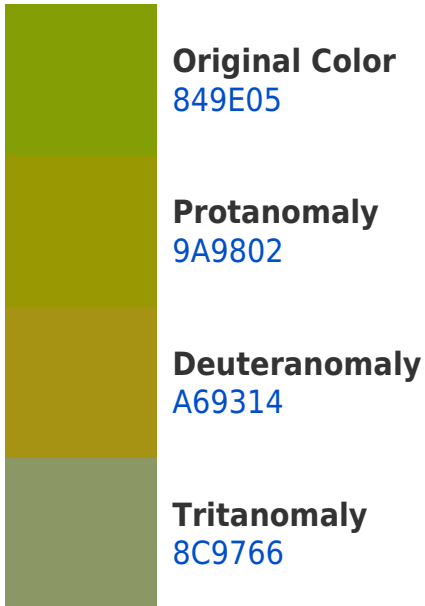
Protanopia
A69400

Deuteranopia
BA8C1C



Tritanopia
91939E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 849E05 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 #849E05 looks like.

```
.text, #text, p{  
    color:#849E05  
}
```

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 #849E05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #849E05
}
```

Border

The CSS property to change the border of an element to Hex 849E05 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
#849E05 }
```

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

```
.border{ border-color:#849E05 }
```

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

Here you see how a box with a 4 pixel #849E05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #849E05; -webkit-box-shadow:4px 4px  
4px 4px #849E05; box-shadow:4px 4px 4px  
4px #849E05 }
```

Background

The CSS property to change the background color of an element to Hex 849E05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#849E05 }
```

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

```
.background{ background-color:#849E05 }
```

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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