

Converting Colors

Hex(849E00)

Have a look what the booklet for
Hex(849E00) contains.

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Color

Hex(849E00)

Conversions

Conversions Part 1

Format	Color
Hex	849E00
RGB	132, 158, 0
RGB Percent	52%, 62%, 0%
CMY	0.4824, 0.3804, 1.0000
CMYK	0.16, 0.00, 1.00, 0.38
HSL	70°, 100%, 31%
HSV	70°, 100%, 62%
XYZ	21.7426, 29.3593, 4.5209
YIQ	132.2140, 35.2220, -54.6500

Conversions

Conversions Part 2

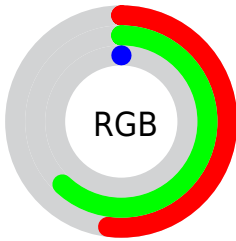
Format	Color
RYB	0, 158, 26
Decimal	8691200
CIELab	61.10, -26.52, 63.67
CIElCh	61, 68.975, 112.615
Yxy	29.3593, 0.3909, 0.5278
Android (android.graphics.Color)	4286881280 (0xFF849E00)
YUV	132.2140, -65.1815, -0.1877
Hunter-Lab	54.1842, -23.1953, 32.9820

Details

The Hex color **849E00** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **1A009E**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **BDD549**, and **4D6B00** is the 20% darker color. If you saturate the color by 10%, you get **849E00**, and if you desaturate by 10%, it is **879E10**.

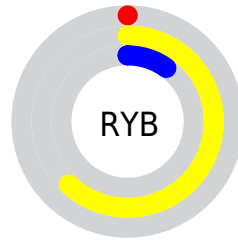
Distribution



Red (52%)

Green (62%)

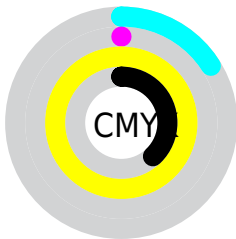
Blue (0%)



Red (0%)

Yellow (62%)

Blue (10%)

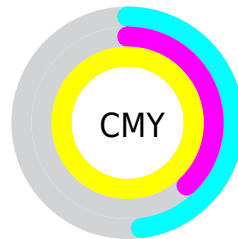


Cyan (16%)

Magenta (0%)

Yellow (100%)

Black (38%)



Cyan (48%)

Magenta (38%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 849E00 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 849E00 by changing the saturation by 10% instead.

 849E00

 849E00

FFFFFF

 688400

 BDD549

 4D6B00

 DAF165

 335200

 F7FF80

 163B00

 FFFF9C

 002500

 FFFF80

 000800

 FFFFD5

 000000

 FFFFF2

 849E00

 879E10

 899E20

 8C9E2F

 8E9E3F

 919E4F

 949E5F

 969E6F

 999E7E

 9B9E8E

Harmonies

Analogous

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



BD8B00



849E00



2BA944

Triad

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



849E00



00ABF4



F856A5

Complementary

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



849E00



1A009E

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.



CE6DDE



849E00



009FFF

Square

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



849E00



00AFC1



738AFF



FF5968

Rectangle

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



849E00



00AD6D



738AFF



EE5CB9

Sweetspot

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



849E00



C4CF91



9E1800



626943



E8E8E8



696969

Same Dimension

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



849E00



ADCF00



379E00



4E4F47



778F00



0D0F00

Inverse Universe

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



1A009E



2200CF



67009E



48474F



17008F



03000F

Previews

White Background



This preview shows how the Hex color 849E00 looks on a white background.

Color Contrast Check

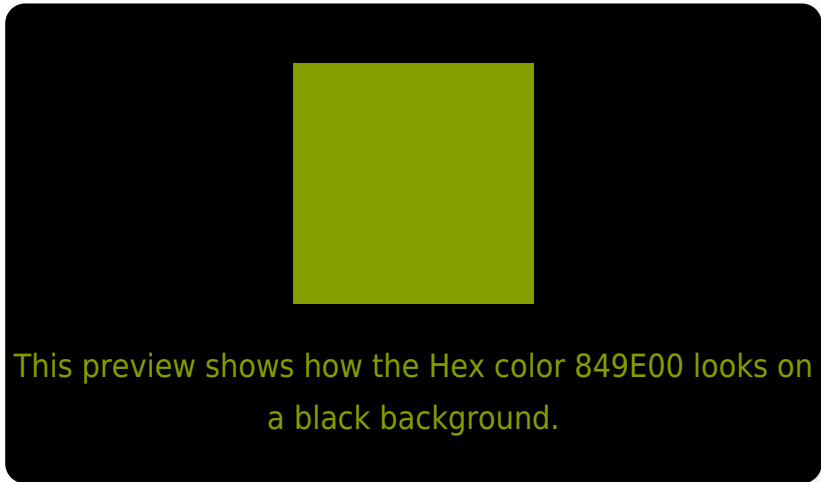
Large Text (above 18pt) WCAG AA ✓ Pass

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 849E00 Background



This preview shows how black text looks on a background with the Hex color 849E00.

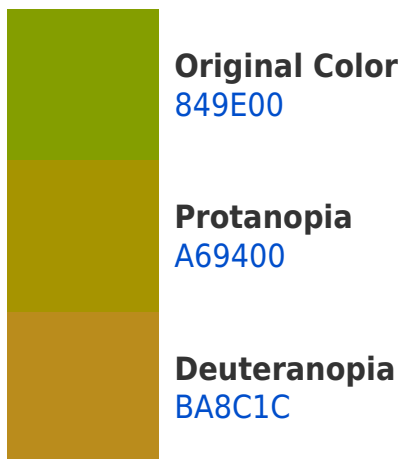


This preview shows how white text looks on a background with the Hex color 849E00.

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](#).

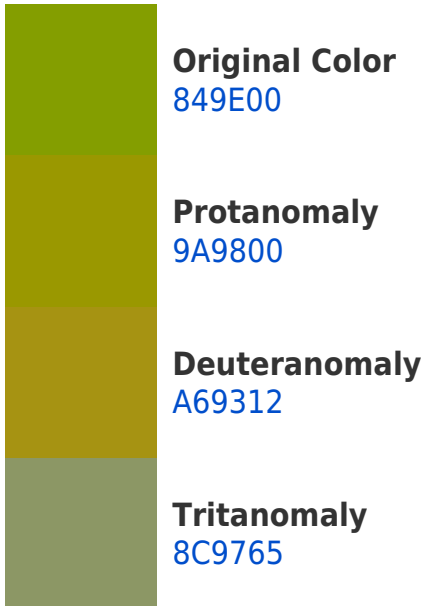
Dichromacy





Tritanopia
91939E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 849E00 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 #849E00 looks like.

```
.text, #text, p{  
    color:#849E00  
}
```

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 #849E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #849E00
}
```

Border

The CSS property to change the border of an element to Hex 849E00 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
#849E00 }
```

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

```
.border{ border-color:#849E00 }
```

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

Here you see how a box with a 4 pixel #849E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #849E00; -webkit-box-shadow:4px 4px  
4px 4px #849E00; box-shadow:4px 4px 4px  
4px #849E00 }
```

Background

The CSS property to change the background color of an element to Hex 849E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#849E00 }
```

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

```
.background{ background-color:#849E00 }
```

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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