

Converting Colors

Hex(809E00)

Have a look what the booklet for
Hex(809E00) contains.

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Color

Hex(809E00)

Conversions

Conversions Part 1

Format	Color
Hex	809E00
RGB	128, 158, 0
RGB Percent	50%, 62%, 0%
CMY	0.4980, 0.3804, 1.0000
CMYK	0.19, 0.00, 1.00, 0.38
HSL	71°, 100%, 31%
HSV	71°, 100%, 62%
XYZ	21.1289, 29.0429, 4.4922
YIQ	131.0180, 32.8380, -55.4980

Conversions

Conversions Part 2

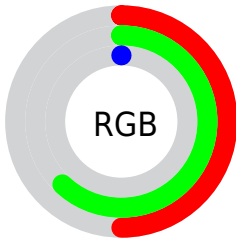
Format	Color
RYB	0, 158, 30
Decimal	8429056
CIELab	60.82, -28.23, 63.34
CIELCh	61, 69.345, 114.022
Yxy	29.0429, 0.3865, 0.5313
Android (android.graphics.Color)	4286619136 (0xFF809E00)
YUV	131.0180, -64.5919, -2.6468
Hunter-Lab	53.8915, -24.3265, 32.7818

Details

The Hex color **809E00** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **1E009E**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **B9D549**, and **4A6B00** is the 20% darker color. If you saturate the color by 10%, you get **809E00**, and if you desaturate by 10%, it is **839E10**.

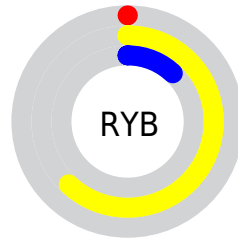
Distribution



Red (50%)

Green (62%)

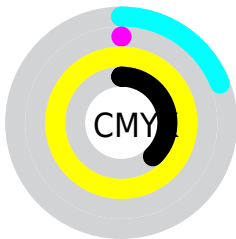
Blue (0%)



Red (0%)

Yellow (62%)

Blue (12%)

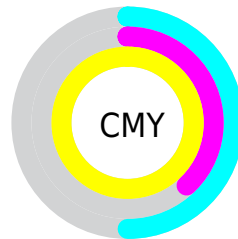


Cyan (19%)

Magenta (0%)

Yellow (100%)

Black (38%)



Cyan (50%)

Magenta (38%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 809E00 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 809E00 by changing the saturation by 10% instead.

 809E00

 809E00

FFFFFF

 648400


 B9D549

 4A6B00

 D6F164

 2E5200

 F3FF80

 113B00

 FFFF9C

 002500

 FFFF80

 000600

 FFFFD5

 000000

 FFFFF2

 809E00

 839E10

 869E20

 899E2F

 8C9E3F

 8F9E4F

 929E5F

 959E6F

 989E7E

 9B9E8E

Harmonies

Analogous

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



BA8C00



809E00



1FA946

Triad

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



809E00



00AAF5



F954A2

Complementary

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



809E00



1E009E

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.



D06BDC



809E00



009EFF

Square

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



809E00



00AFC3



7888FF



FE5965

Rectangle

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



809E00



00AD6F



7888FF



F059B6

Sweetspot

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



809E00



C3CF91



9E1D00



616943



E8E8E8



696969

Same Dimension

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



809E00



A7CF00



329E00



4E4F47



748F00



0C0F00

Inverse Universe

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



1E009E



2700CF



6C009E



49474F



1B008F



03000F

Previews

White Background



This preview shows how the Hex color 809E00 looks on a white background.

Color Contrast Check

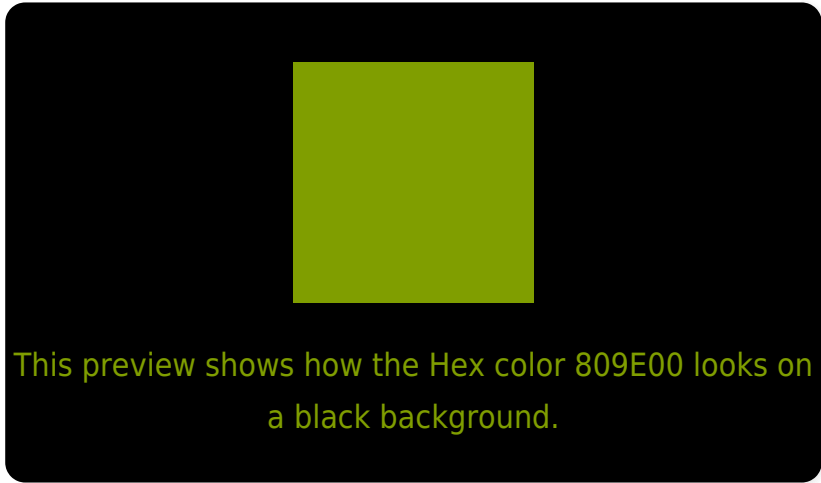
Large Text (above 18pt) WCAG AA ✓ Pass

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 809E00 Background



This preview shows how black text looks on a background with the Hex color 809E00.



This preview shows how white text looks on a background with the Hex color 809E00.

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
809E00

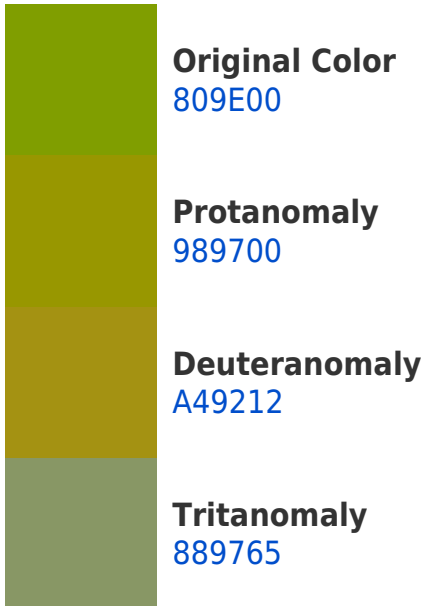
Protanopia
A59300

Deuteranopia
B98B1C



Tritanopia
8D939E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 809E00 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 #809E00 looks like.

```
.text, #text, p{  
    color:#809E00  
}
```

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 #809E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #809E00
}
```

Border

The CSS property to change the border of an element to Hex 809E00 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
#809E00 }
```

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

```
.border{ border-color:#809E00 }
```

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

Here you see how a box with a 4 pixel #809E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #809E00; -webkit-box-shadow:4px 4px  
4px 4px #809E00; box-shadow:4px 4px 4px  
4px #809E00 }
```

Background

The CSS property to change the background color of an element to Hex 809E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#809E00 }
```

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

```
.background{ background-color:#809E00 }
```

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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