

Converting Colors

Hex(809900)

Have a look what the booklet for
Hex(809900) contains.

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Color

Hex(809900)

Conversions

Conversions Part 1

Format	Color
Hex	809900
RGB	128, 153, 0
RGB Percent	50%, 60%, 0%
CMY	0.4980, 0.4000, 1.0000
CMYK	0.16, 0.00, 1.00, 0.40
HSL	70°, 100%, 30%
HSV	70°, 100%, 60%
XYZ	20.2933, 27.3717, 4.2137
YIQ	128.0830, 34.2130, -52.8830

Conversions

Conversions Part 2

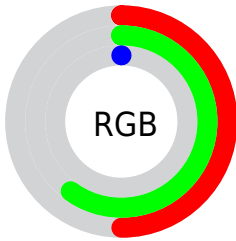
Format	Color
RYB	0, 153, 25
Decimal	8427776
CIELab	59.32, -25.80, 62.21
CIELCh	59, 67.345, 112.525
Yxy	27.3717, 0.3912, 0.5276
Android (android.graphics.Color)	4286617856 (0xFF809900)
YUV	128.0830, -63.1449, -0.0728
Hunter-Lab	52.3179, -22.3190, 31.8473

Details

The Hex color **809900** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **190099**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **B8CF48**, and **4A6600** is the 20% darker color. If you saturate the color by 10%, you get **809900**, and if you desaturate by 10%, it is **83990F**.

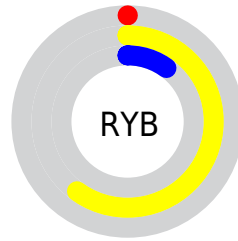
Distribution



Red (50%)

Green (60%)

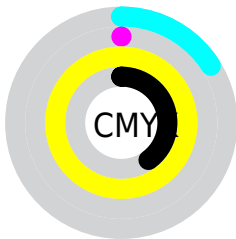
Blue (0%)



Red (0%)

Yellow (60%)

Blue (10%)

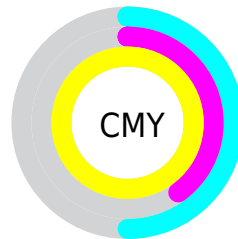


Cyan (16%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (50%)

Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 809900 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 809900 by changing the saturation by 10% instead.

 809900

 809900

FFFFFF

 657F00

 B8CF48

 4A6600

 D5EC63

 2F4E00

 F3FF7F

 133700

 FFFF9A

 002200

 FFFFB6

 000000

 FFFFD3

 FFFFF0

 809900

 83990F

 85991F

 88992E

 8A993D

 8D994D

 8F995C

 92996B

 94997A

 97998A

Harmonies

Analogous

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



B78700



809900



2AA441

Triad

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



809900



00A6EC



F153A0

Complementary

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



809900



190099

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.



C76AD8



809900



009AFF

Square

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



809900



00AABB



6F85FD



F75665

Rectangle

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



809900



00A869



6F85FD



E759B4

Sweetspot

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



809900



BDC78B



991700



5E6340



E3E3E3



636363

Same Dimension

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



809900



A6C700



369900



4B4D45



758C00



0B0D00

Inverse Universe

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



190099



2100C7



630099



46454D



17008C



02000D

Previews

White Background



This preview shows how the Hex color 809900 looks on a white background.

Color Contrast Check

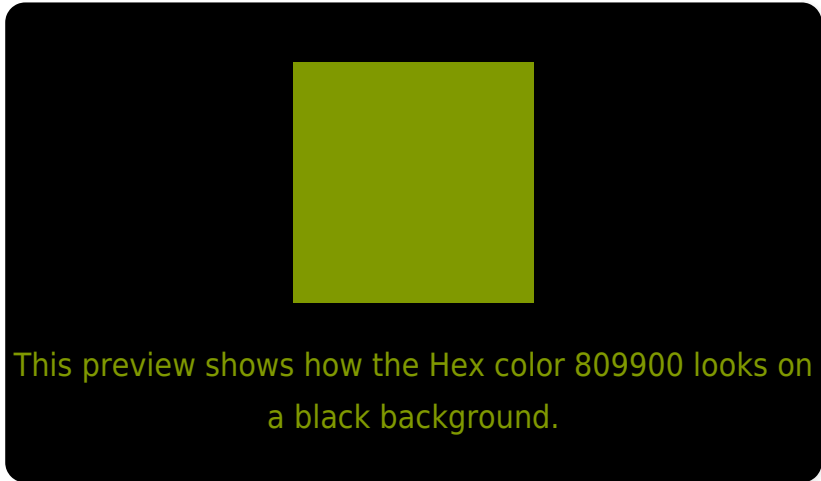
Large Text (above 18pt) WCAG AA ✓ Pass

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 809900 Background



This preview shows how black text looks on a background with the Hex color 809900.

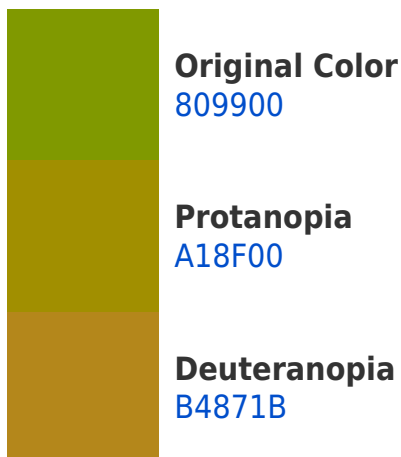


This preview shows how white text looks on a background with the Hex color 809900.

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](#).

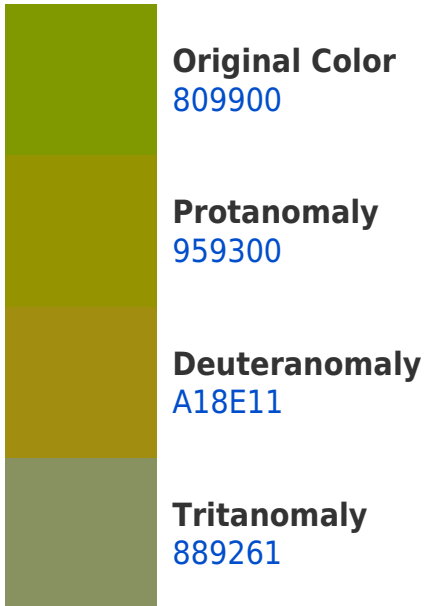
Dichromacy





Tritanopia
8C8E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 809900 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 #809900 looks like.

```
.text, #text, p{  
    color:#809900  
}
```

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 #809900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #809900
}
```

Border

The CSS property to change the border of an element to Hex 809900 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
#809900 }
```

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

```
.border{ border-color:#809900 }
```

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

Here you see how a box with a 4 pixel #809900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #809900; -webkit-box-shadow:4px 4px  
4px 4px #809900; box-shadow:4px 4px 4px  
4px #809900 }
```

Background

The CSS property to change the background color of an element to Hex 809900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#809900 }
```

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

```
.background{ background-color:#809900 }
```

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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