

Converting Colors

Hex(829D06)

Have a look what the booklet for
Hex(829D06) contains.

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Color

Hex(829D06)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 829D06 |
| RGB | 130, 157, 6 |
| RGB Percent | 51%, 62%, 2% |
| CMY | 0.4902, 0.3843, 0.9765 |
| CMYK | 0.17, 0.00, 0.96, 0.38 |
| HSL | 71°, 93%, 32% |
| HSV | 71°, 96%, 62% |
| XYZ | 21.2958, 28.8729, 4.6229 |
| YIQ | 131.7130, 32.3790, -52.6850 |

Conversions

Conversions Part 2

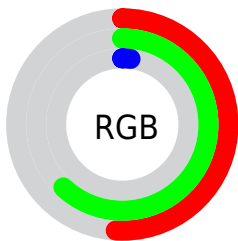
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 6, 157, 33 |
| Decimal | 8559878 |
| CIE Lab | 60.67, -26.79, 62.42 |
| CIE LCh | 61, 67.922, 113.228 |
| Yxy | 28.8729, 0.3887, 0.5270 |
| Android (android.graphics.Color) | 4286749958 (0xFF829D06) |
| YUV | 131.7130, -61.9765, -1.5023 |
| Hunter-Lab | 53.7335, -23.2902, 32.5125 |

Details

The Hex color **829D06** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **21069D**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **BAD44B**, and **4C6A00** is the 20% darker color. If you saturate the color by 10%, you get **819D00**, and if you desaturate by 10%, it is **859D16**.

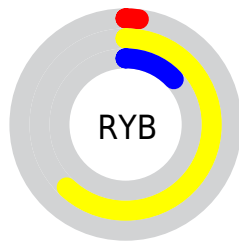
Distribution



Red (51%)

Green (62%)

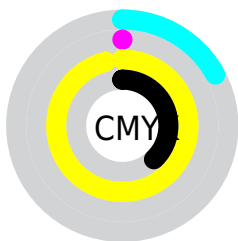
Blue (2%)



Red (2%)

Yellow (62%)

Blue (13%)

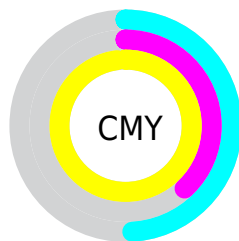


Cyan (17%)

Magenta (0%)

Yellow (96%)

Black (38%)



Cyan (49%)

Magenta (38%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 829D06 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 829D06 by changing the saturation by 10% instead.

 829D06

 829D06


FFFFFF

 678300

 BAD44B

 4C6A00

 D8F066

 315100

 F5FF82

 143A00

 FFFF9E

 002500

 FFFFBA

 000500

 FFFFD6

 000000

 FFFFF4

 829D06

 829D06

■ 819D00

■ 859D16

■ 889D25

■ 8A9D35

■ 8D9D45

■ 909D55

■ 939D64

■ 969D74

■ 989D84

■ 9B9D93

Harmonies

Analogous

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



BA8B00



829D06



29A845

Triad

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



829D06



00A9F2



F656A3

Complementary

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



829D06



21069D

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.



CD6CDB



829D06



009DFF

Square

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



829D06



00AEC0



7688FF



FC5A67

Rectangle

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



829D06



00AC6D



7688FF



ED5BB6

Sweetspot

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



829D06



C1CC91



9D1F06



606642



E6E6E6



666666

Same Dimension

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



829D06



A8CC00



389D06



4E4F47



758F00



0D0F00

Inverse Universe

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



21069D



2400CC



6B069D



49474F



1A008F



03000F

Previews

White Background



This preview shows how the Hex color 829D06 looks on a white background.

Color Contrast Check

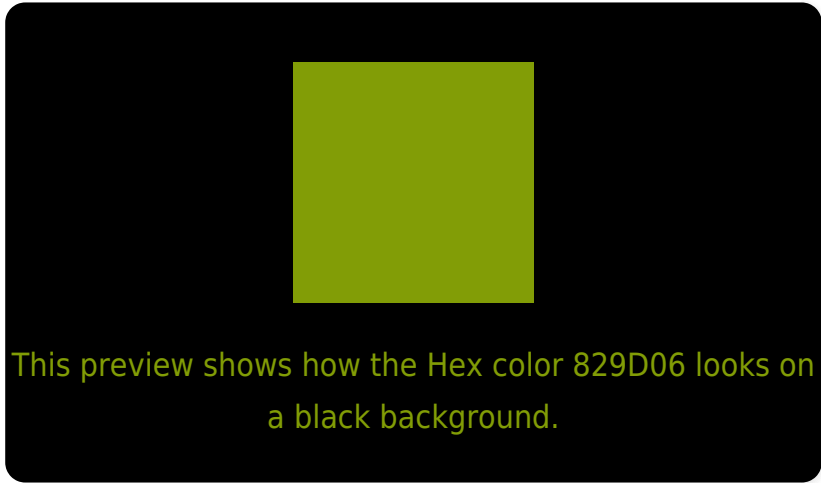
Large Text (above 18pt) WCAG AA ✓ Pass

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 829D06 Background



This preview shows how black text looks on a background with the Hex color 829D06.



This preview shows how white text looks on a background with the Hex color 829D06.

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



Trichromacy



Original Color
829D06



Deuteranomaly
A49214



Tritanomaly
8A9666

Monochromacy



Original Color
829D06



Achromatopsia
848484



Achromatomaly
838D56

CSS Examples

Text

The CSS property to change the color of the text to Hex 829D06 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 #829D06 looks like.

```
.text, #text, p{  
    color:#829D06  
}
```

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 #829D06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #829D06
}
```

Border

The CSS property to change the border of an element to Hex 829D06 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
#829D06 }
```

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

```
.border{ border-color:#829D06 }
```

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

Here you see how a box with a 4 pixel #829D06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #829D06; -webkit-box-shadow:4px 4px  
4px 4px #829D06; box-shadow:4px 4px 4px  
4px #829D06 }
```

Background

The CSS property to change the background color of an element to Hex 829D06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#829D06 }
```

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

```
.background{ background-color:#829D06 }
```

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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