

Converting Colors

Hex(4C8006)

Have a look what the booklet for
Hex(4C8006) contains.

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Color

Hex(4C8006)

Conversions

Conversions Part 1

Format	Color
Hex	4C8006
RGB	76, 128, 6
RGB Percent	30%, 50%, 2%
CMY	0.7020, 0.4980, 0.9765
CMYK	0.41, 0.00, 0.95, 0.50
HSL	86°, 91%, 26%
HSV	86°, 95%, 50%
XYZ	10.7325, 16.9880, 2.8856
YIQ	98.5440, 8.1700, -48.9660

Conversions

Conversions Part 2

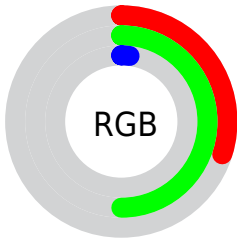
Format	Color
RYB	6, 128, 58
Decimal	5013510
CIELab	48.24, -35.25, 51.14
CIELCh	48, 62.108, 124.576
Yxy	16.9880, 0.3507, 0.5551
Android (android.graphics.Color)	4283203590 (0xFF4C8006)
YUV	98.5440, -45.6242, -19.7711
Hunter-Lab	41.2165, -25.6485, 24.7005

Details

The Hex color **4C8006** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **3A0680**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **82B543**, and **154E00** is the 20% darker color. If you saturate the color by 10%, you get **498000**, and if you desaturate by 10%, it is **518013**.

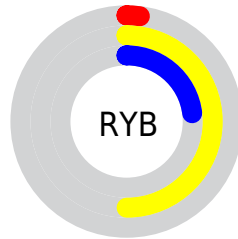
Distribution



Red (30%)

Green (50%)

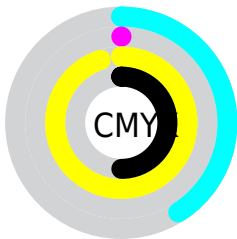
Blue (2%)



Red (2%)

Yellow (50%)

Blue (23%)

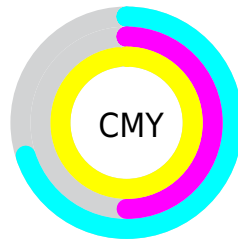


Cyan (41%)

Magenta (0%)

Yellow (95%)

Black (50%)



Cyan (70%)

Magenta (50%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C8006 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 4C8006 by changing the saturation by 10% instead.



4C8006



4C8006

FFFFFF



316700



82B543



154E00



9ED15E



003700



BAED78



002300



D6FF93



000000



F4FFAF



FFFFCB



FFFFE7



4C8006



4C8006

■ 498000

■ 518013

■ 578020

■ 5C802C

■ 628039

■ 678046

■ 6D8053

■ 728060

■ 78806C

■ 7D8079

Harmonies

Analogous

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



837300



4C8006



008743

Triad

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



4C8006



0084D1



CE376D

Complementary

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



4C8006



3A0680

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.



B746A1



4C8006



0076DC

Square

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



4C8006



0089AD



7C61CA



C8463A

Rectangle

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



4C8006



008967



7C61CA



CA397E

Sweetspot

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



4C8006



91A676



803906



485437



D4D4D4



545454

Same Dimension

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



4C8006



5FA600



108006



3D4039



498000



000000

Inverse Universe

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



3A0680



4700A6



760680



3C3940



360080



000000

Previews

White Background



This preview shows how the Hex color 4C8006 looks on a white background.

Color Contrast Check

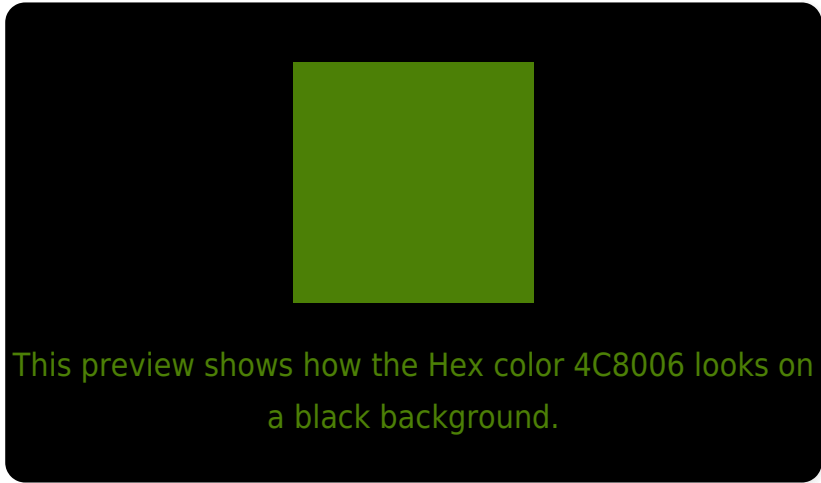
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex 4C8006 Background



This preview shows how black text looks on a background with the Hex color 4C8006.

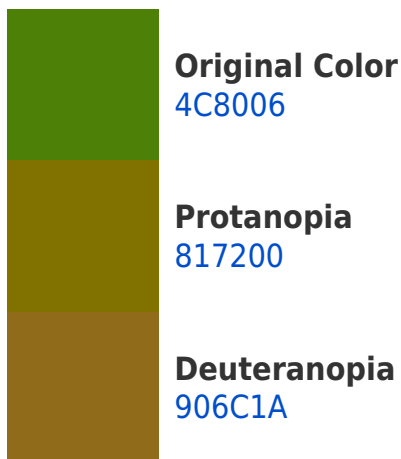



This preview shows how white text looks on a background with the Hex color 4C8006.

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
5B7781

Trichromacy



Original Color
4C8006

Protanomaly
6E7702

Deuteranomaly
777313

Tritanomaly
567A54

Monochromacy



Original Color
4C8006

Achromatopsia
636363

Achromatomaly
5B6E41

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C8006 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 #4C8006 looks like.

```
.text, #text, p{  
    color:#4C8006  
}
```

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 #4C8006 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C8006
}
```

Border

The CSS property to change the border of an element to Hex 4C8006 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
#4C8006 }
```

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

```
.border{ border-color:#4C8006 }
```

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

Here you see how a box with a 4 pixel #4C8006 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C8006; -webkit-box-shadow:4px 4px  
4px 4px #4C8006; box-shadow:4px 4px 4px  
4px #4C8006 }
```

Background

The CSS property to change the background color of an element to Hex 4C8006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C8006 }
```

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

```
.background{ background-color:#4C8006 }
```

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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