

Converting Colors

Hex(4C5A06)

Have a look what the booklet for
Hex(4C5A06) contains.

Hex(4C5A06)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4C5A06)

Conversions

Conversions Part 1

Format	Color
Hex	4C5A06
RGB	76, 90, 6
RGB Percent	30%, 35%, 2%
CMY	0.7020, 0.6471, 0.9765
CMYK	0.16, 0.00, 0.93, 0.65
HSL	70°, 88%, 19%
HSV	70°, 93%, 35%
XYZ	6.6695, 8.8620, 1.5313
YIQ	76.2380, 18.6200, -29.0920

Conversions

Conversions Part 2

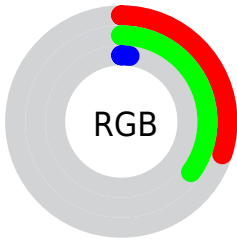
Format	Color
RYB	6, 90, 20
Decimal	5003782
CIELab	35.72, -16.69, 40.89
CIElCh	36, 44.165, 112.199
Yxy	8.8620, 0.3909, 0.5194
Android (android.graphics.Color)	4283193862 (0xFF4C5A06)
YUV	76.2380, -34.6273, -0.2087
Hunter-Lab	29.7691, -12.1044, 17.7885

Details

The Hex color **4C5A06** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **14065A**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **808C3B**, and **1B2C00** is the 20% darker color. If you saturate the color by 10%, you get **4B5A00**, and if you desaturate by 10%, it is **4E5A0F**.

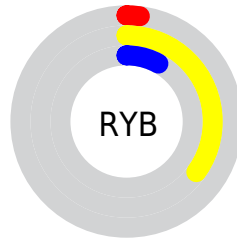
Distribution



Red (30%)

Green (35%)

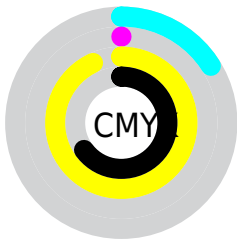
Blue (2%)



Red (2%)

Yellow (35%)

Blue (8%)

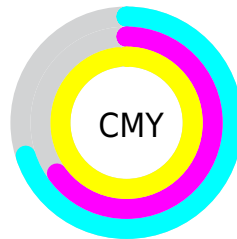


Cyan (16%)

Magenta (0%)

Yellow (93%)

Black (65%)



Cyan (70%)

Magenta (65%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C5A06 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 4C5A06 by changing the saturation by 10% instead.

 4C5A06

 4C5A06

 FFFFF7

 344300

 808C3B

 1B2C00

 9BA654

 001900

 B6C16D

 000000

 D2DD87

 EFFAA2

 FFFFBE

 FFFFDA

 4C5A06

 4C5A06

■ 4B5A00

■ 4E5A0F

■ 4F5A18

■ 515A21

■ 525A2A

■ 545A33

■ 555A3C

■ 575A45

■ 585A4E

■ 5A5A57

Harmonies

Analogous

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



6D4F02



4C5A06



1C6126

Triad

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



4C5A06



00628B



8F325F

Complementary

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



4C5A06



14065A

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.



753E80



4C5A06



005B9A

Square

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



4C5A06



00646E



414F96



93333C

Rectangle

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



4C5A06



00633D



414F96



89356A

Sweetspot

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



4C5A06



707554



5A1406



373B27



BABABA



3B3B3B

Same Dimension

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



4C5A06



627500



225A06



2D2E29



5B6E00



C6ED00

Inverse Universe

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



14065A



140075



3E065A



2A292E



12006E



2800ED

Previews

White Background



This preview shows how the Hex color 4C5A06 looks on a white background.

Color Contrast Check

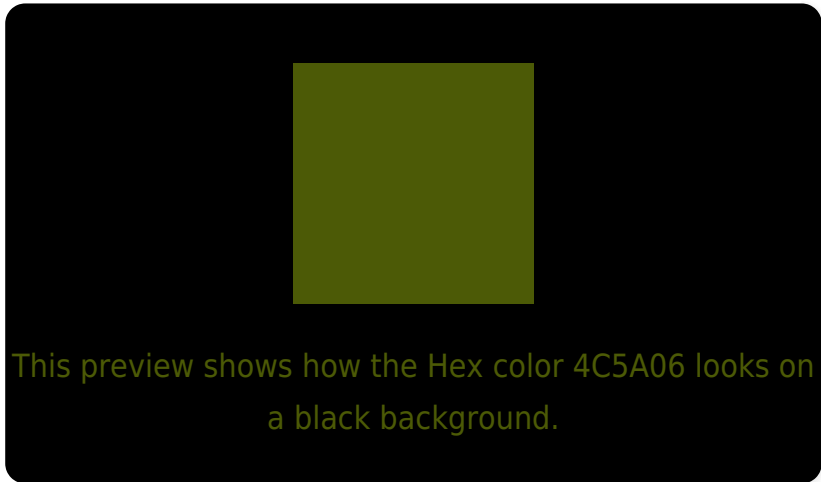
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

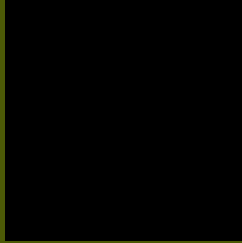
Any Text WCAG AA × Fail

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 4C5A06 Background



This preview shows how black text looks on a background with the Hex color 4C5A06.



This preview shows how white text looks on a background with the Hex color 4C5A06.

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
4C5A06

Protanopia
5F5400

Deuteranopia
6A5011



Tritanopia
53545A

Trichromacy



Original Color
4C5A06

Protanomaly
585602

Deuteranomaly
5F540D

Tritanomaly
50563B

Monochromacy



Original Color
4C5A06

Achromatopsia
4C4C4C

Achromatomaly
4C5133

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C5A06 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 #4C5A06 looks like.

```
.text, #text, p{  
    color:#4C5A06  
}
```

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 #4C5A06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5A06
}
```

Border

The CSS property to change the border of an element to Hex 4C5A06 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
#4C5A06 }
```

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

```
.border{ border-color:#4C5A06 }
```

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

Here you see how a box with a 4 pixel #4C5A06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5A06; -webkit-box-shadow:4px 4px  
4px 4px #4C5A06; box-shadow:4px 4px 4px  
4px #4C5A06 }
```

Background

The CSS property to change the background color of an element to Hex 4C5A06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5A06 }
```

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

```
.background{ background-color:#4C5A06 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor