

Converting Colors

Hex(4C5A00)

Have a look what the booklet for
Hex(4C5A00) contains.

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Color

Hex(4C5A00)

Conversions

Conversions Part 1

Format	Color
Hex	4C5A00
RGB	76, 90, 0
RGB Percent	30%, 35%, 0%
CMY	0.7020, 0.6471, 1.0000
CMYK	0.16, 0.00, 1.00, 0.65
HSL	69°, 100%, 18%
HSV	69°, 100%, 35%
XYZ	6.6367, 8.8488, 1.3582
YIQ	75.5540, 20.5460, -30.9580

Conversions

Conversions Part 2

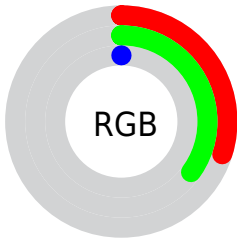
Format	Color
RYB	0, 90, 14
Decimal	5003776
CIELab	35.69, -16.92, 42.74
CIELCh	36, 45.966, 111.593
Yxy	8.8488, 0.3940, 0.5253
Android (android.graphics.Color)	4283193856 (0xFF4C5A00)
YUV	75.5540, -37.2481, 0.3911
Hunter-Lab	29.7470, -12.2332, 18.1158

Details

The Hex color **4C5A00** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0E005A**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **808C37**, and **1B2C00** is the 20% darker color. If you saturate the color by 10%, you get **4C5A00**, and if you desaturate by 10%, it is **4D5A09**.

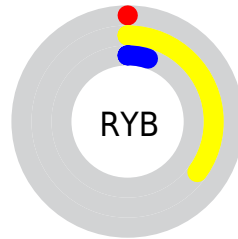
Distribution



Red (30%)

Green (35%)

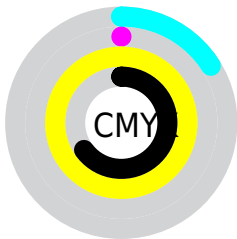
Blue (0%)



Red (0%)

Yellow (35%)

Blue (5%)

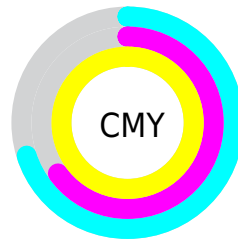


Cyan (16%)

Magenta (0%)

Yellow (100%)

Black (65%)



Cyan (70%)

Magenta (65%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C5A00 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 4C5A00 by changing the saturation by 10% instead.

 4C5A00

 4C5A00

 FFFFF3

 344300

 808C37

 1B2C00

 9BA650

 001900

 B7C16A

 000000

 D3DD84

 F0FA9E

 FFFFBA

 FFFF66

 4C5A00

■ 4D5A09

■ 4F5A12

■ 505A1B

■ 525A24

■ 535A2D

■ 545A36

■ 565A3F

■ 575A48

■ 595A51

Harmonies

Analogous

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



6E4F00



4C5A00



196123

Triad

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



4C5A00



00628D



902F60

Complementary

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



4C5A00



0E005A

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.



763E82



4C5A00



005B9D

Square

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



4C5A00



00656E



3E4F99



95313B

Rectangle

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



4C5A00



00633B



3E4F99



8A336C

Sweetspot

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



4C5A00



707552



5A0E00



373B26



BABABA



3B3B3B

Same Dimension

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



4C5A00



637500



1F5A00



2D2E29



5D6E00



C8ED00

Inverse Universe

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



0E005A



120075



3B005A



2A292E



11006E



2500ED

Previews

White Background



This preview shows how the Hex color 4C5A00 looks on a white background.

Color Contrast Check

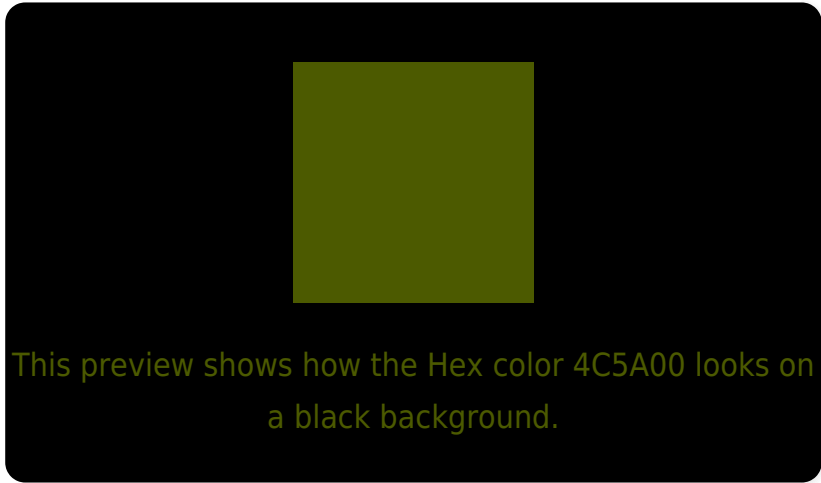
Large Text (above 18pt) WCAG AA ✓ Pass

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

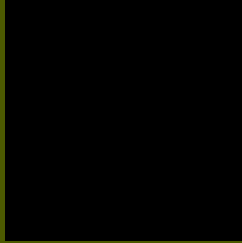
Any Text WCAG AA × Fail

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 4C5A00 Background



This preview shows how black text looks on a background with the Hex color 4C5A00.



This preview shows how white text looks on a background with the Hex color 4C5A00.

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
4C5A00

Protanopia
5F5400

Deuteranopia
6A5010



Tritanopia
53545A

Trichromacy



Original Color
4C5A00

Protanomaly
585600

Deuteranomaly
5F540A

Tritanomaly
505639

Monochromacy



Original Color
4C5A00

Achromatopsia
4C4C4C

Achromatomaly
4C5130

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C5A00 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 #4C5A00 looks like.

```
.text, #text, p{  
    color:#4C5A00  
}
```

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 #4C5A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5A00
}
```

Border

The CSS property to change the border of an element to Hex 4C5A00 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
#4C5A00 }
```

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

```
.border{ border-color:#4C5A00 }
```

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

Here you see how a box with a 4 pixel #4C5A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5A00; -webkit-box-shadow:4px 4px  
4px 4px #4C5A00; box-shadow:4px 4px 4px  
4px #4C5A00 }
```

Background

The CSS property to change the background color of an element to Hex 4C5A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5A00 }
```

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

```
.background{ background-color:#4C5A00 }
```

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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