

Converting Colors

Hex(4C5206)

Have a look what the booklet for
Hex(4C5206) contains.

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Color

Hex(4C5206)

Conversions

Conversions Part 1

Format	Color
Hex	4C5206
RGB	76, 82, 6
RGB Percent	30%, 32%, 2%
CMY	0.7020, 0.6784, 0.9765
CMYK	0.07, 0.00, 0.93, 0.68
HSL	65°, 86%, 17%
HSV	65°, 93%, 32%
XYZ	6.0307, 7.5842, 1.3184
YIQ	71.5420, 20.8200, -24.9080

Conversions

Conversions Part 2

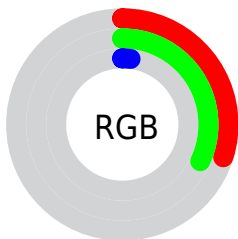
Format	Color
RYB	6, 82, 12
Decimal	5001734
CIELab	33.10, -12.22, 38.73
CIELCh	33, 40.614, 107.510
Yxy	7.5842, 0.4038, 0.5079
Android (android.graphics.Color)	4283191814 (0xFF4C5206)
YUV	71.5420, -32.3122, 3.9097
Hunter-Lab	27.5395, -9.1058, 16.4394

Details

The Hex color **4C5206** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0C0652**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **7F8339**, and **1C2500** is the 20% darker color. If you saturate the color by 10%, you get **4C5200**, and if you desaturate by 10%, it is **4D520E**.

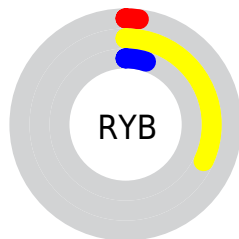
Distribution



Red (30%)

Green (32%)

Blue (2%)



Red (2%)

Yellow (32%)

Blue (5%)

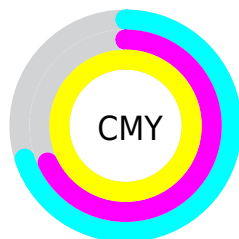


Cyan (7%)

Magenta (0%)

Yellow (93%)

Black (68%)



Cyan (70%)

Magenta (68%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C5206 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 4C5206 by changing the saturation by 10% instead.

 4C5206

 4C5206

 FFFFF4

 343B00

 7F8339

 1C2500

 9A9D52

 001200

 B6B86B

 000000

 D2D485

 EFF0A0

 FFFFBB

 FFFF7D

 4C5206

 4C5206

■ 4C5200

■ 4D520E

■ 4D5216

■ 4E521F

■ 4F5227

■ 4F522F

■ 505237

■ 51523F

■ 515248

■ 525250

Harmonies

Analogous

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



694707



4C5206



25591F

Triad

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



4C5206



005B7D



81305D

Complementary

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



4C5206



0C0652

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.



673D7A



4C5206



00558D

Square

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



4C5206



005D60



324B8B



882F3C

Rectangle

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



4C5206



005B34



324B8B



7B3467

Sweetspot

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



4C5206



696B4D



520B06



343623



B5B5B5



363636

Same Dimension

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



4C5206



636B00



275206



282925



606900



D6E800

Inverse Universe

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



0C0652



08006B



310652



252529



080069



1200E8

Previews

White Background



This preview shows how the Hex color 4C5206 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

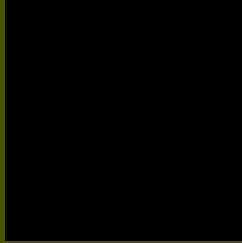
Any Text WCAG AA × Fail

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 4C5206 Background



This preview shows how black text looks on a background with the Hex color 4C5206.



This preview shows how white text looks on a background with the Hex color 4C5206.

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
4C5206

Protanopia
584E03

Deuteranopia
624A0E



Tritanopia
524C52

Trichromacy



Original Color
4C5206

Protanomaly
544F04

Deuteranomaly
5A4D0B

Tritanomaly
504E36

Monochromacy



Original Color
4C5206

Achromatopsia
484848

Achromatomaly
494C30

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C5206 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 #4C5206 looks like.

```
.text, #text, p{  
    color:#4C5206  
}
```

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 #4C5206 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5206
}
```

Border

The CSS property to change the border of an element to Hex 4C5206 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
#4C5206 }
```

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

```
.border{ border-color:#4C5206 }
```

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

Here you see how a box with a 4 pixel #4C5206 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5206; -webkit-box-shadow:4px 4px  
4px 4px #4C5206; box-shadow:4px 4px 4px  
4px #4C5206 }
```

Background

The CSS property to change the background color of an element to Hex 4C5206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5206 }
```

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

```
.background{ background-color:#4C5206 }
```

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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