

Converting Colors

Hex(C4C046)

Have a look what the booklet for
Hex(C4C046) contains.

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Color

Hex(C4C046)

Conversions

Conversions Part 1

Format	Color
Hex	C4C046
RGB	196, 192, 70
RGB Percent	77%, 75%, 27%
CMY	0.2314, 0.2471, 0.7255
CMYK	0.00, 0.02, 0.64, 0.23
HSL	58°, 52%, 52%
HSV	58°, 64%, 77%
XYZ	42.7201, 49.8772, 13.1700
YIQ	179.2880, 41.5460, -37.0940

Conversions

Conversions Part 2

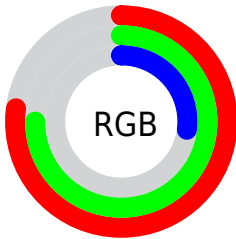
Format	Color
RYB	74, 196, 70
Decimal	12894278
CIELab	75.99, -13.52, 59.70
CIElCh	76, 61.213, 102.763
Yxy	49.8772, 0.4039, 0.4716
Android (android.graphics.Color)	4291084358 (0xFFC4C046)
YUV	179.2880, -53.8790, 14.6564
Hunter-Lab	70.6238, -15.6177, 38.3802

Details

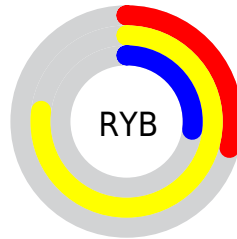
The Hex color **C4C046** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **464AC4**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFF87C**, and **8B8B03** is the 20% darker color. If you saturate the color by 10%, you get **C4BF32**, and if you desaturate by 10%, it is **C4C15A**.

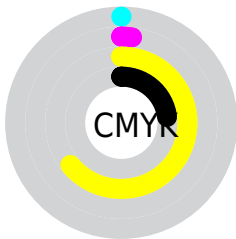
Distribution



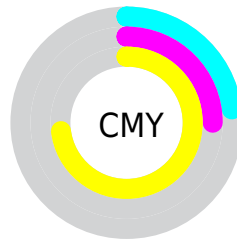
- Red (77%)
- Green (75%)
- Blue (27%)



- Red (29%)
- Yellow (77%)
- Blue (27%)



- Cyan (0%)
- Magenta (2%)
- Yellow (64%)
- Black (23%)



- Cyan (23%)
- Magenta (25%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4C046 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 C4C046 by changing the saturation by 10% instead.

 C4C046

 C4C046

FFFFFF

 A7A52A

 FFF87C

 8B8B03

 FFFF97

 707100


 FFFFB3

 555900

 FFFF00

 3A4200

 FFFFED

 212C00

 001900

 000000

 C4C046

 C4C046

 C4BF32

 C4C15A

 C4BF1F

 C4C16D

 C4BE0B

 C4C281

 C4BE00

 C4C294

 C4C3A8

 C4C4BC

 C4C4CF

 C4C5E3

 C4C6F6

Harmonies

Analogous

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



F6AD4C



C4C046



85CE64

Triad

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



C4C046



00D4FF



FF8FDE

Complementary

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



C4C046



464AC4

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.



DEA3FF



C4C046



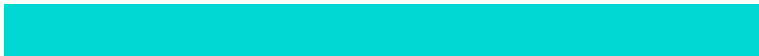
00CBFF

Square

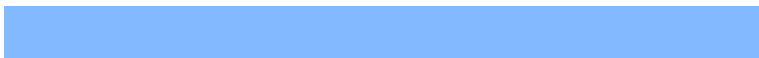
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C4C046



00D7D3



83B9FF



FF8AA5

Rectangle

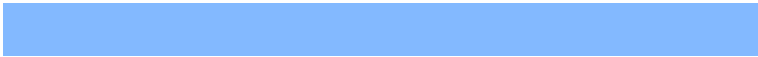
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C4C046



4AD385



83B9FF



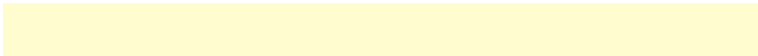
FF94F0

Sweetspot

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



C4C046



FFFDCF



C4464A



807F62



000000



808080

Same Dimension

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



C4C046



FFF93B



89C446



616157



A19C00



212000

Inverse Universe

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



464AC4



3B41FF



8146C4



575861



0005A1



000121

Previews

White Background



This preview shows how the Hex color C4C046 looks on a white background.

Color Contrast Check

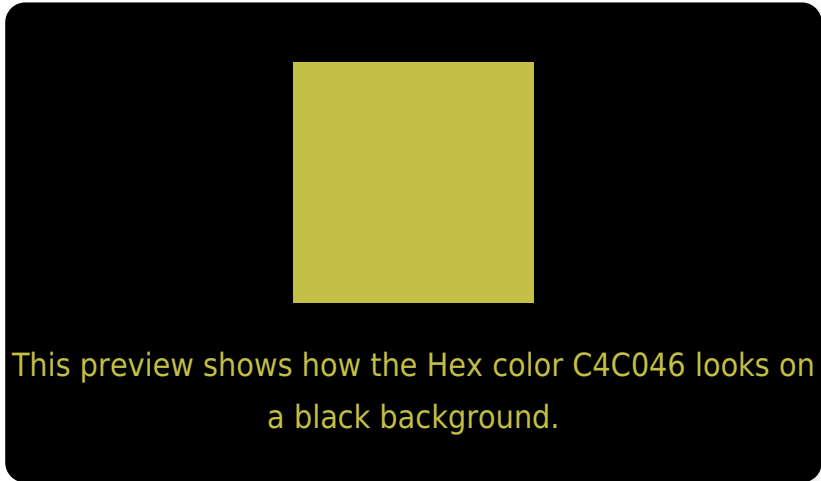
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 ✓ Pass

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

Hex C4C046 Background



This preview shows how black text looks on a background with the Hex color C4C046.



This preview shows how white text looks on a background with the Hex color C4C046.

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
C4C046

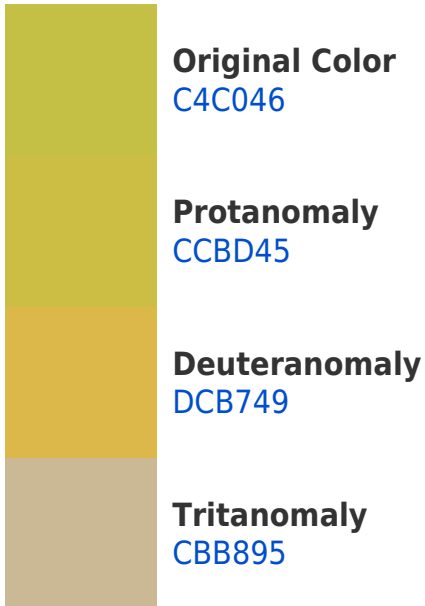
Protanopia
D1BC45

Deuteranopia
E9B24A



Tritanopia
CFB4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C4C046 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 #C4C046 looks like.

```
.text, #text, p{  
    color:#C4C046  
}
```

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 #C4C046 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4C046
}
```

Border

The CSS property to change the border of an element to Hex C4C046 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
#C4C046 }
```

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

```
.border{ border-color:#C4C046 }
```

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

Here you see how a box with a 4 pixel #C4C046 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4C046; -webkit-box-shadow:4px 4px  
4px 4px #C4C046; box-shadow:4px 4px 4px  
4px #C4C046 }
```

Background

The CSS property to change the background color of an element to Hex C4C046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4C046 }
```

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

```
.background{ background-color:#C4C046 }
```

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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