

# Converting Colors

Hex(C29C04)

Have a look what the booklet for  
Hex(C29C04) contains.

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**Color**

**Hex(C29C04)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | C29C04                      |
| RGB         | 194, 156, 4                 |
| RGB Percent | 76%, 61%, 2%                |
| CMY         | 0.2392, 0.3882, 0.9843      |
| CMYK        | 0.00, 0.20, 0.98, 0.24      |
| HSL         | 48°, 96%, 39%               |
| HSV         | 48°, 98%, 76%               |
| XYZ         | 34.1585, 35.2550, 5.1194    |
| YIQ         | 150.0340, 71.4400, -39.2160 |

# Conversions

## Conversions Part 2

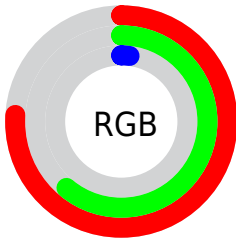
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">52, 194, 4</a>                                   |
| Decimal                             | <a href="#">12753924</a>                                     |
| CIELab                              | <a href="#">65.95, 2.27, 69.10</a>                           |
| CIElCh                              | <a href="#">66, 69.139, 88.120</a>                           |
| Yxy                                 | <a href="#">35.2550, 0.4583, 0.4730</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4290944004</a><br>( <a href="#">0xFFC29C04</a> ) |
| YUV                                 | <a href="#">150.0340, -71.9948, 38.5582</a>                  |
| Hunter-Lab                          | <a href="#">59.3759, -1.2183, 36.4512</a>                    |

# Details

The Hex color **C29C04** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **042AC2**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFD24C**, and **876900** is the 20% darker color. If you saturate the color by 10%, you get **C29B00**, and if you desaturate by 10%, it is **C2A017**.

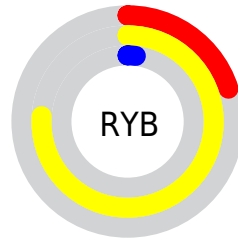
# Distribution



Red (76%)

Green (61%)

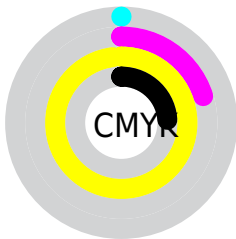
Blue (2%)



Red (20%)

Yellow (76%)

Blue (2%)

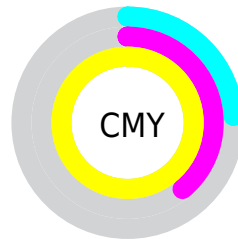


Cyan (0%)

Magenta (20%)

Yellow (98%)

Black (24%)



Cyan (24%)

Magenta (39%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C29C04 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 C29C04 by changing the saturation by 10% instead.



 C29C04

 C29C04

FFFFFF

 A48200

 FFD24C

 876900

 FFEE68

 6B5100

 FFFF84

 4F3B00

 FFFFA0

 352600

 FFFFBC

 1D1100

 FFFFD9

 000000

 FFFFF6

 C29C04

 C29C04

■ C29B00

■ C2A017

■ C2A42B

■ C2A83E

■ C2AC52

■ C2AF65

■ C2B378

■ C2B78C

■ C2BB9F

■ C2BFB3

# Harmonies

## Analogous

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



F18334



C29C04



85AE23

# Triad

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



C29C04



00BDD9



E775E3

# Complementary

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



C29C04



042AC2

# 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.



9791FF



C29C04



00B7FF

# Square

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



C29C04



00BD9A



00A9FF



FF62A7

# Rectangle

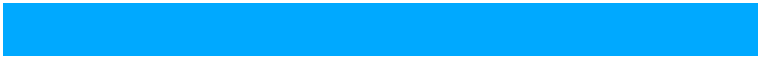
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C29C04



4EB547



00A9FF



D27EF4

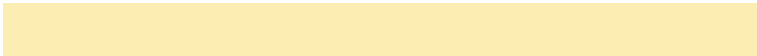


# Sweetspot

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



C29C04



FCEEB3



C2042A



807753



000000



808080



# Same Dimension

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



C29C04



FCCA00



89C204



615F57



A18100



211B00



# Inverse Universe

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



042AC2



0032FC



3D04C2



575961



0020A1

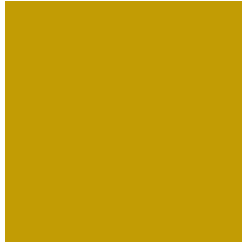


000721



# Previews

## White Background



This preview shows how the Hex color C29C04 looks on a white background.

## Color Contrast Check

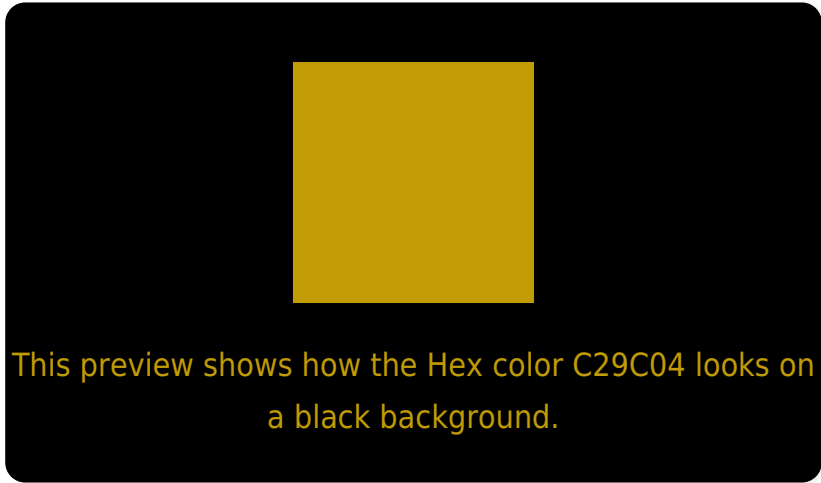
Large Text (above 18pt) WCAG AA × Fail

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 C29C04 Background



This preview shows how black text looks on a background with the Hex color C29C04.



This preview shows how white text looks on a background with the Hex color C29C04.

# 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**  
C29C04

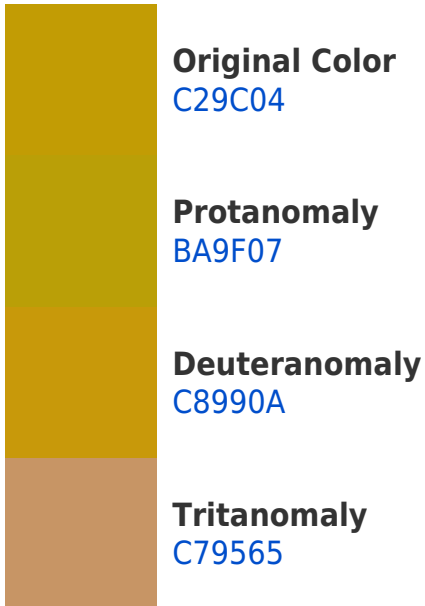
**Protanopia**  
B5A109

**Deuteranopia**  
CB980E

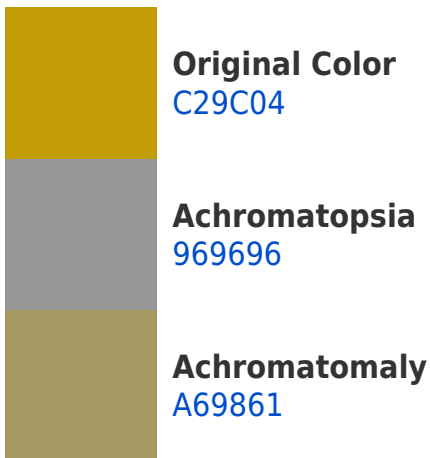


**Tritanopia**  
CA919C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C29C04 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 #C29C04 looks like.

```
.text, #text, p{  
    color:#C29C04  
}
```

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 #C29C04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C29C04
}
```

## Border

The CSS property to change the border of an element to Hex C29C04 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
#C29C04 }
```

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

```
.border{ border-color:#C29C04 }
```

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

Here you see how a box with a 4 pixel #C29C04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C29C04; -webkit-box-shadow:4px 4px  
4px 4px #C29C04; box-shadow:4px 4px 4px  
4px #C29C04 }
```

# Background

The CSS property to change the background color of an element to Hex C29C04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C29C04 }
```

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

```
.background{ background-color:#C29C04 }
```

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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