

# Converting Colors

Hex(C29519)

Have a look what the booklet for  
Hex(C29519) contains.

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# **Color**

**Hex(C29519)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C29519
RGB	194, 149, 25
RGB Percent	76%, 58%, 10%
CMY	0.2392, 0.4157, 0.9020
CMYK	0.00, 0.23, 0.87, 0.24
HSL	44°, 77%, 43%
HSV	44°, 87%, 76%
XYZ	33.1710, 33.0344, 5.5477
YIQ	148.3190, 66.6240, -29.0240

# Conversions

## Conversions Part 2

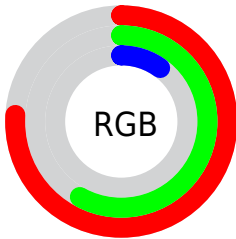
Format	Color
<a href="#">RYB</a>	<a href="#">86, 194, 25</a>
Decimal	<a href="#">12752153</a>
CIELab	<a href="#">64.19, 6.39, 64.11</a>
CIElCh	<a href="#">64, 64.429, 84.311</a>
Yxy	<a href="#">33.0344, 0.4623, 0.4604</a>
Android (android.graphics.Color)	<a href="#">4290942233</a> ( <a href="#">0xFFC29519</a> )
YUV	<a href="#">148.3190, -60.7963, 40.0622</a>
Hunter-Lab	<a href="#">57.4756, 2.4360, 34.5101</a>

# Details

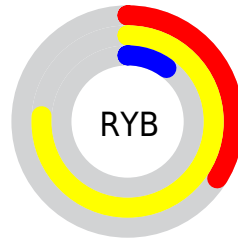
The Hex color **C29519** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **1946C2**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FFCB54**, and **876300** is the 20% darker color. If you saturate the color by 10%, you get **C29006**, and if you desaturate by 10%, it is **C29A2C**.

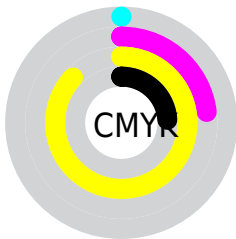
# Distribution



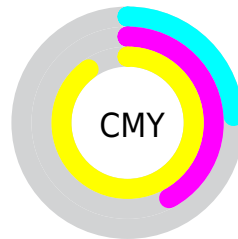
- Red (76%)
- Green (58%)
- Blue (10%)



- Red (34%)
- Yellow (76%)
- Blue (10%)



- Cyan (0%)
- Magenta (23%)
- Yellow (87%)
- Black (24%)



- Cyan (24%)
- Magenta (42%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C29519 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 C29519 by changing the saturation by 10% instead.



 C29519

 C29519

FFFFFF

 A47B00

 FFCB54

 876300

 FFE76F

 6B4B00

 FFFF8A

 4F3500

 FFFFA6

 352000

 FFFFC2

 1D0A00

 FFFFDF

 000000

 FFFFFD

 C29519

 C29519

 C29006

 C29A2C

 C28E00

 C29F40

 C2A453

 C2AA67

 C2AF7A

 C2B48D

 C2B9A1

 C2BEB4

 C2C3C8

# Harmonies

## Analogous

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



EC7E3E



C29519



8BA625

# Triad

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



C29519



00B7C9



D777DF

# Complementary

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



C29519



1946C2

# 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.



8791FF



C29519



00B2F8

# Square

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



C29519



00B68E



00A6FF



FD65A9

# Rectangle

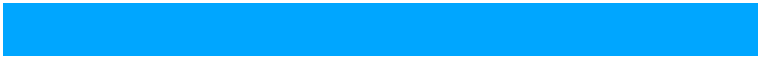
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C29519



5DAE43



00A6FF



C180EF

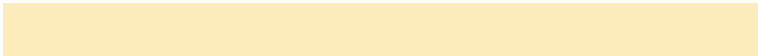


# Sweetspot

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



C29519



FCEBBB



C21946



807558



000000



808080



# Same Dimension

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



C29519



FCB900



9BC219



615E57



A17600



211800



# Inverse Universe

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



1946C2



0043FC



4019C2



575A61



002BA1



000921



# Previews

## White Background



This preview shows how the Hex color C29519 looks on a white background.

## Color Contrast Check

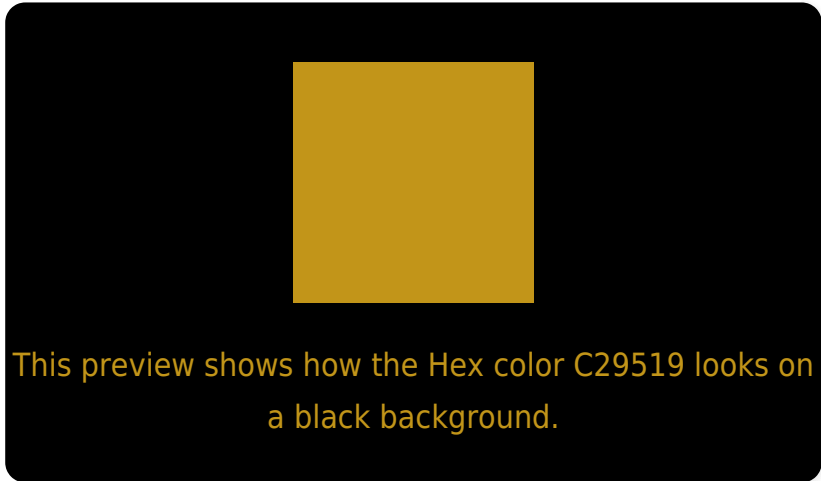
Large Text (above 18pt) WCAG AA × Fail

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 C29519 Background



This preview shows how black text looks on a background with the Hex color C29519.



This preview shows how white text looks on a background with the Hex color C29519.

# 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**  
C29519

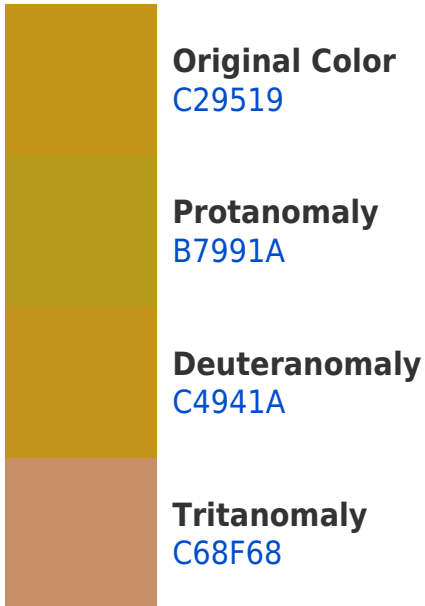
**Protanopia**  
B09C1B

**Deuteranopia**  
C5941A

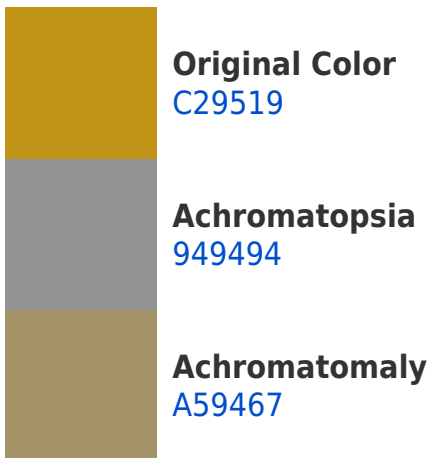


**Tritanopia**  
C98B95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C29519 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 #C29519 looks like.

```
.text, #text, p{  
    color:#C29519  
}
```

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 #C29519 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C29519
}
```

## Border

The CSS property to change the border of an element to Hex C29519 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
#C29519 }
```

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

```
.border{ border-color:#C29519 }
```

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

Here you see how a box with a 4 pixel #C29519 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C29519; -webkit-box-shadow:4px 4px  
4px 4px #C29519; box-shadow:4px 4px 4px  
4px #C29519 }
```

# Background

The CSS property to change the background color of an element to Hex C29519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C29519 }
```

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

```
.background{ background-color:#C29519 }
```

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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