

# Converting Colors

Hex(C29329)

Have a look what the booklet for  
Hex(C29329) contains.

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**Color**

**Hex(C29329)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C29329
RGB	194, 147, 41
RGB Percent	76%, 58%, 16%
CMY	0.2392, 0.4235, 0.8392
CMYK	0.00, 0.24, 0.79, 0.24
HSL	42°, 65%, 46%
HSV	42°, 79%, 76%
XYZ	33.0821, 32.4969, 6.6267
YIQ	148.9690, 62.0380, -23.0020

# Conversions

## Conversions Part 2

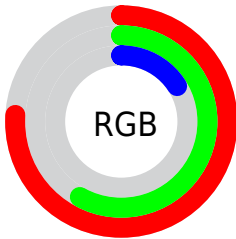
Format	Color
<a href="#">RYB</a>	<a href="#">109, 194, 41</a>
Decimal	<a href="#">12751657</a>
CIELab	<a href="#">63.75, 7.96, 58.83</a>
CIELCh	<a href="#">64, 59.368, 82.298</a>
Yxy	<a href="#">32.4969, 0.4582, 0.4501</a>
Android (android.graphics.Color)	<a href="#">4290941737</a> (0xFFC29329)
YUV	<a href="#">148.9690, -53.2287, 39.4922</a>
Hunter-Lab	<a href="#">57.0060, 3.8277, 33.0120</a>

# Details

The Hex color **C29329** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **2958C2**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FEC95F**, and **886100** is the 20% darker color. If you saturate the color by 10%, you get **C28D16**, and if you desaturate by 10%, it is **C2993C**.

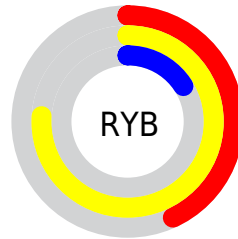
# Distribution



Red (76%)

Green (58%)

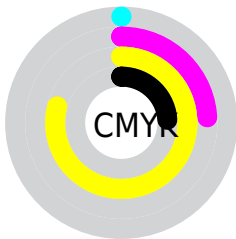
Blue (16%)



Red (43%)

Yellow (76%)

Blue (16%)

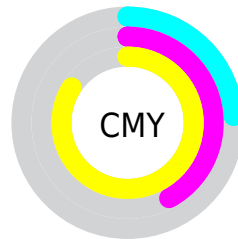


Cyan (0%)

Magenta (24%)

Yellow (79%)

Black (24%)



Cyan (24%)

Magenta (42%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C29329 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 C29329 by changing the saturation by 10% instead.



 C29329

 C29329

FFFFFF

 A57905

 FEC95F

 886100

 FFE57A

 6C4900

 FFFF95

 503300

 FFFFFB0

 361E00

 FFFFFCD

 1E0700

 FFFFEA

 000000

 C29329

 C29329

 C28D16

 C2993C

 C28702

 C29F50

 C28600

 C2A563

 C2AB77

 C2B18A

 C2B79D

 C2BDB1

 C2C3C4

 C2C9D8

# Harmonies

## Analogous

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



E77E47



C29329



90A32F

# Triad

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



C29329



00B4C1



CE7BDC

# Complementary

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



C29329



2958C2

# 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.



8392FD



C29329



00AFED

# Square

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



C29329



00B38B



00A4FF



F36BAA

# Rectangle

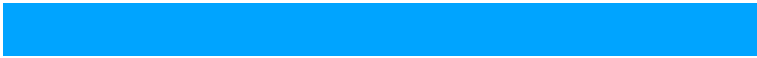
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C29329



67AB47



00A4FF



B983E9

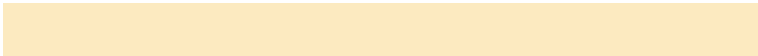


# Sweetspot

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



C29329



FCEAC0



C22959



80745B



000000



808080



# Same Dimension

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



C29329



FCB30D



A6C229



615E57



A16F00



211700



# Inverse Universe

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



2958C2



0D56FC



4529C2



575A61



0031A1



000A21



# Previews

## White Background



This preview shows how the Hex color C29329 looks on a white background.

## Color Contrast Check

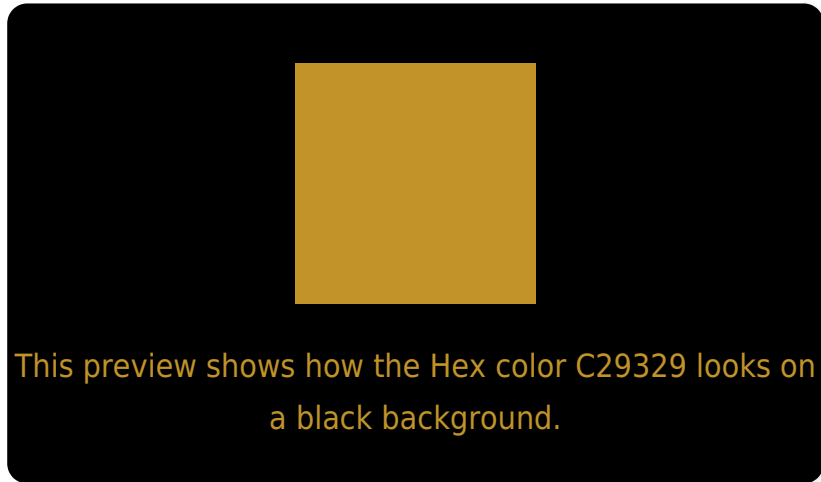
Large Text (above 18pt) WCAG AA × Fail

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 C29329 Background



This preview shows how black text looks on a background with the Hex color C29329.



This preview shows how white text looks on a background with the Hex color C29329.

# 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**  
C29329

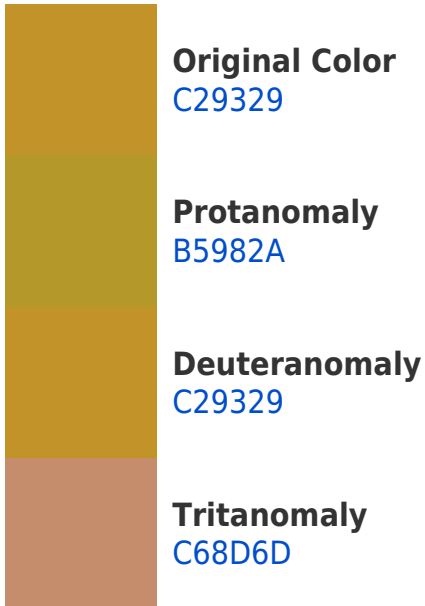
**Protanopia**  
AE9B2B

**Deuteranopia**  
C29329

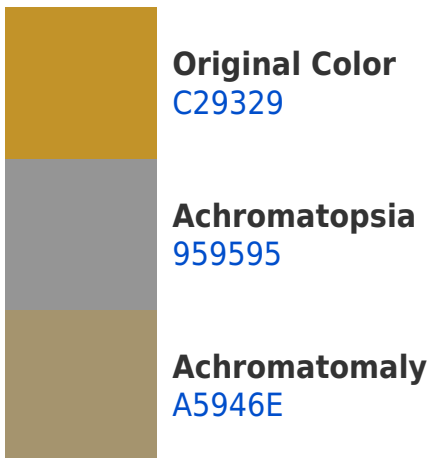


**Tritanopia**  
C98994

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C29329 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 #C29329 looks like.

```
.text, #text, p{  
    color:#C29329  
}
```

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 #C29329 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C29329
}
```

## Border

The CSS property to change the border of an element to Hex C29329 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
#C29329 }
```

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

```
.border{ border-color:#C29329 }
```

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

Here you see how a box with a 4 pixel #C29329 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C29329; -webkit-box-shadow:4px 4px  
4px 4px #C29329; box-shadow:4px 4px 4px  
4px #C29329 }
```

# Background

The CSS property to change the background color of an element to Hex C29329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C29329 }
```

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

```
.background{ background-color:#C29329 }
```

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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