

# Converting Colors

Hex(C29F32)

Have a look what the booklet for  
Hex(C29F32) contains.

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# **Color**

**Hex(C29F32)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C29F32
RGB	194, 159, 50
RGB Percent	76%, 62%, 20%
CMY	0.2392, 0.3765, 0.8039
CMYK	0.00, 0.18, 0.74, 0.24
HSL	45°, 59%, 48%
HSV	45°, 74%, 76%
XYZ	35.2220, 36.4959, 8.2056
YIQ	157.0390, 55.8490, -26.4790

# Conversions

## Conversions Part 2

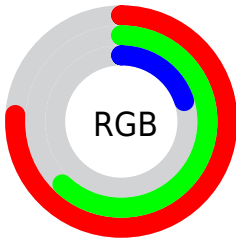
Format	Color
<a href="#">RYB</a>	<a href="#">96, 194, 50</a>
Decimal	<a href="#">12754738</a>
CIELab	<a href="#">66.90, 1.82, 58.45</a>
CIELCh	<a href="#">67, 58.476, 88.213</a>
Yxy	<a href="#">36.4959, 0.4407, 0.4566</a>
Android (android.graphics.Color)	<a href="#">4290944818 (0xFFC29F32)</a>
YUV	<a href="#">157.0390, -52.7702, 32.4148</a>
Hunter-Lab	<a href="#">60.4118, -1.6496, 34.2350</a>

# Details

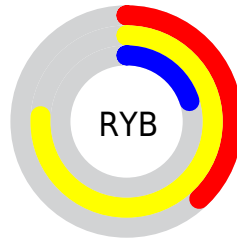
The Hex color **C29F32** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3255C2**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FED568**, and **886C00** is the 20% darker color. If you saturate the color by 10%, you get **C29A1F**, and if you desaturate by 10%, it is **C2A445**.

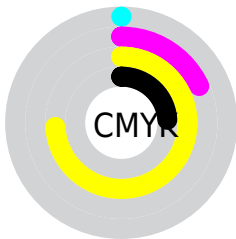
# Distribution



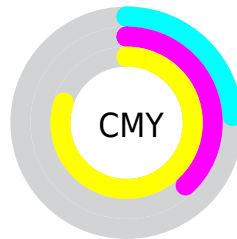
- Red (76%)
- Green (62%)
- Blue (20%)



- Red (38%)
- Yellow (76%)
- Blue (20%)



- Cyan (0%)
- Magenta (18%)
- Yellow (74%)
- Black (24%)



- Cyan (24%)
- Magenta (38%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C29F32 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 C29F32 by changing the saturation by 10% instead.





C29F32



C29F32

FFFFFF



A58513



FED568



886C00



FFF282



6D5400



FFFF9E



513D00



FFFFBA



372800



FFFD6



1E1400



FFFFF3



000000



C29F32



C29F32



C29A1F



C2A445

 C2960B

 C2A859

 C29300

 C2AD6C

 C2B280

 C2B793

 C2BBA6

 C2C0BA

 C2C5CD

 C2C9E1

# Harmonies

## Analogous

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



EA8B49



C29F32



8EAE40

# Triad

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



C29F32



00BCD3



E080DB

# Complementary

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



C29F32



3255C2

# 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.



9F96FF



C29F32



00B6FB

# Square

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



C29F32



00BC9E



00AAFF



FF73A8

# Rectangle

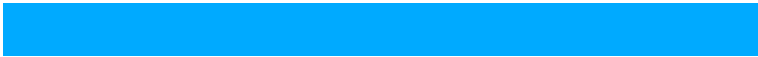
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C29F32



63B559



00AAFF



CE87E9

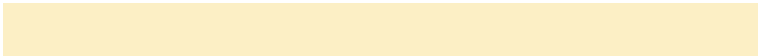


# Sweetspot

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



C29F32



FCEFC5



C23256



80775E



000000



808080



# Same Dimension

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



C29F32



FCC61C



9EC232



615F57



A17A00



211900



# Inverse Universe

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



3255C2



1C52FC



5632C2



575A61



0027A1

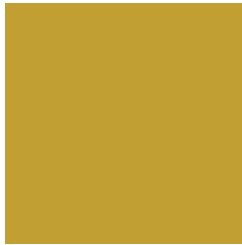


000821



# Previews

## White Background



This preview shows how the Hex color C29F32 looks on a white background.

## Color Contrast Check

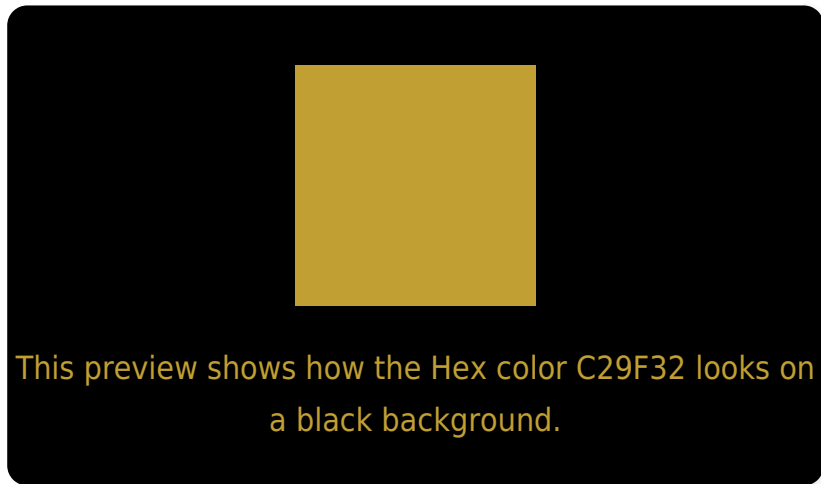
Large Text (above 18pt) WCAG AA × Fail

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 C29F32 Background



This preview shows how black text looks on a background with the Hex color C29F32.

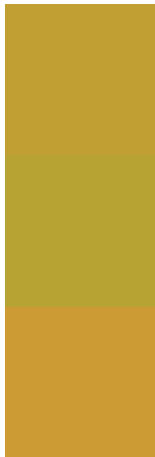


This preview shows how white text looks on a background with the Hex color C29F32.

# 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**  
C29F32

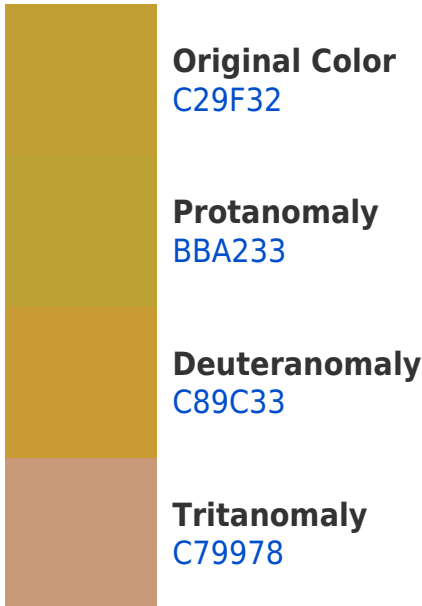
**Protanopia**  
B7A333

**Deuteranopia**  
CC9B34



**Tritanopia**  
CA95A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C29F32 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 #C29F32 looks like.

```
.text, #text, p{  
    color:#C29F32  
}
```

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 #C29F32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C29F32
}
```

## Border

The CSS property to change the border of an element to Hex C29F32 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
#C29F32 }
```

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

```
.border{ border-color:#C29F32 }
```

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

Here you see how a box with a 4 pixel #C29F32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C29F32; -webkit-box-shadow:4px 4px  
4px 4px #C29F32; box-shadow:4px 4px 4px  
4px #C29F32 }
```

# Background

The CSS property to change the background color of an element to Hex C29F32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C29F32 }
```

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

```
.background{ background-color:#C29F32 }
```

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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