

# Converting Colors

Hex(C29F5D)

Have a look what the booklet for  
Hex(C29F5D) contains.

<b>Hex(C29F5D)</b>	3
<i><b>Conversions</b></i>	4
<i><b>Details</b></i>	6
<i><b>Harmonies</b></i>	11
<i><b>Previews</b></i>	23
<i><b>Color Blindness Simulation</b></i>	26
<i><b>CSS Examples</b></i>	29

# Color

**Hex(C29F5D)**

# Conversions

Conversions Part 1	
Format	Color
Hex	C29F5D
RGB	194, 159, 93
RGB Percent	76%, 62%, 36%
CMY	0.2392, 0.3765, 0.6353
CMYK	0.00, 0.18, 0.52, 0.24
HSL	39°, 45%, 56%
HSV	39°, 52%, 76%
XYZ	36.6221, 37.0559, 15.5782
YIQ	161.9410, 42.0460, -13.1060

# Conversions

## Conversions Part 2

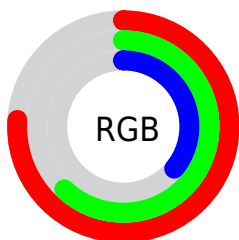
Format	Color
<a href="#">RYB</a>	<a href="#">147, 194, 93</a>
Decimal	<a href="#">12754781</a>
CIELab	<a href="#">67.32, 4.70, 39.05</a>
CIELCh	<a href="#">67, 39.331, 83.134</a>
Yxy	<a href="#">37.0559, 0.4103, 0.4152</a>
Android (android.graphics.Color)	<a href="#">4290944861</a> (0xFFC29F5D)
YUV	<a href="#">161.9410, -33.9879, 28.1157</a>
Hunter-Lab	<a href="#">60.8736, 0.8583, 27.4385</a>

# Details

The Hex color **C29F5D** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **5D80C2**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FCD691**, and **8A6C2C** is the 20% darker color. If you saturate the color by 10%, you get **C2984A**, and if you desaturate by 10%, it is **C2A670**.

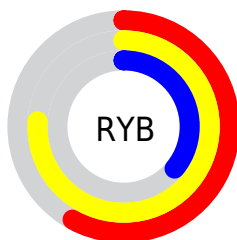
# Distribution



Red (76%)

Green (62%)

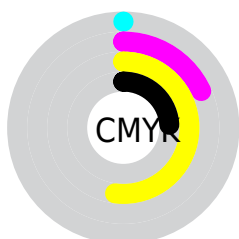
Blue (36%)



Red (58%)

Yellow (76%)

Blue (36%)

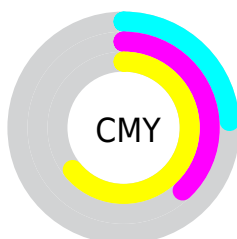


Cyan (0%)

Magenta (18%)

Yellow (52%)

Black (24%)



Cyan (24%)

Magenta (38%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C29F5D 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 C29F5D by changing the saturation by 10% instead.





C29F5D

FFFFFF



FCD691



FFF2AC



FFFFC7



FFFFE4



C29F5D



A68544



8A6C2C



6F5414



553D00



3B2700



221300



000000



C29F5D



C2984A



C29F5D



C2A670

 C29236

 C2AC84

 C28B23

 C2B397

 C2840F

 C2BAAB

 C27F00

 C2C1BE

 C2C7D1

 C2CEE5

 C2D5F8

 C2DCFF

# Harmonies

## Analogous

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



DC936C



C29F5D



9FAA61

# Triad

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



C29F5D



00B6BF



C991CF

# Complementary

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



C29F5D



5D80C2

# 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.



9C9EE5



C29F5D



00B2DC

# Square

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



C29F5D



43B69A



5FAAEA



E389AE

# Rectangle

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



C29F5D



84B06F



5FAAEA



BC95D8

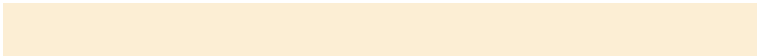


# Sweetspot

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



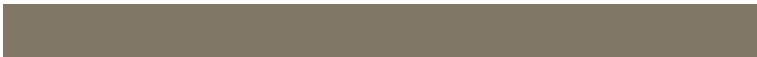
C29F5D



FCEED4



C25D80



807767



000000



808080



# Same Dimension

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



C29F5D



FCC660



B3C25D



615E57



A16900



211600

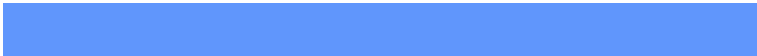


# Inverse Universe

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



5D80C2



6096FC



6C5DC2



575B61



0038A1

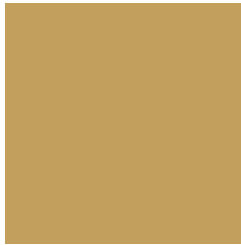


000B21



# Previews

## White Background



This preview shows how the Hex color C29F5D looks on a white background.

## Color Contrast Check

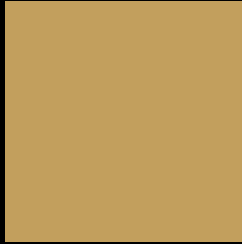
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color C29F5D looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

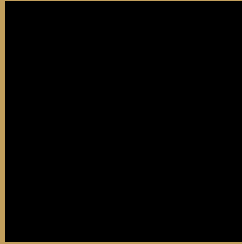
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C29F5D Background



This preview shows how black text looks on a background with the Hex color C29F5D.



This preview shows how white text looks on a background with the Hex color C29F5D.

# 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**  
C29F5D

**Protanopia**  
B4A45F

**Deuteranopia**  
C89D5E

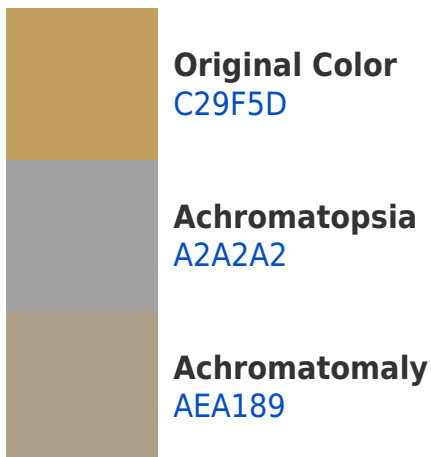


**Tritanopia**  
C897A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C29F5D 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 #C29F5D looks like.

```
.text, #text, p{  
    color:#C29F5D  
}
```

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 #C29F5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C29F5D
}
```

## Border

The CSS property to change the border of an element to Hex C29F5D 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
#C29F5D }
```

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

```
.border{ border-color:#C29F5D }
```

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

Here you see how a box with a 4 pixel #C29F5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C29F5D; -webkit-box-shadow:4px 4px  
4px 4px #C29F5D; box-shadow:4px 4px 4px  
4px #C29F5D }
```

# Background

The CSS property to change the background color of an element to Hex C29F5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C29F5D }
```

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

```
.background{ background-color:#C29F5D }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor