

# Converting Colors

Hex(D29C58)

Have a look what the booklet for  
Hex(D29C58) contains.

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# **Color**

**Hex(D29C58)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D29C58
RGB	210, 156, 88
RGB Percent	82%, 61%, 35%
CMY	0.1765, 0.3882, 0.6549
CMYK	0.00, 0.26, 0.58, 0.18
HSL	33°, 58%, 58%
HSV	33°, 58%, 82%
XYZ	40.2283, 38.1832, 14.4823
YIQ	164.3940, 54.0120, -9.7000

# Conversions

## Conversions Part 2

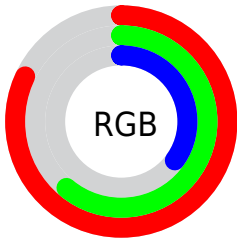
Format	Color
<a href="#">RYB</a>	<a href="#">185, 210, 88</a>
Decimal	<a href="#">13802584</a>
CIELab	<a href="#">68.16, 12.67, 43.00</a>
CIELCh	<a href="#">68, 44.831, 73.587</a>
Yxy	<a href="#">38.1832, 0.4331, 0.4110</a>
Android (android.graphics.Color)	<a href="#">4291992664</a> ( <a href="#">0xFFD29C58</a> )
YUV	<a href="#">164.3940, -37.6622, 39.9965</a>
Hunter-Lab	<a href="#">61.7925, 8.0704, 29.3589</a>

# Details

The Hex color **D29C58** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **588ED2**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFD28C**, and **986927** is the 20% darker color. If you saturate the color by 10%, you get **D29343**, and if you desaturate by 10%, it is **D2A56D**.

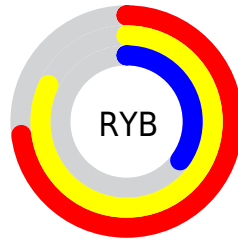
# Distribution



Red (82%)

Green (61%)

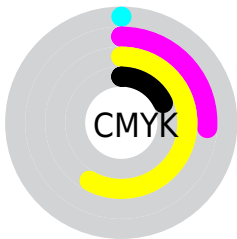
Blue (35%)



Red (73%)

Yellow (82%)

Blue (35%)

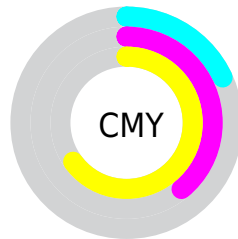


Cyan (0%)

Magenta (26%)

Yellow (58%)

Black (18%)



Cyan (18%)

Magenta (39%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D29C58 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 D29C58 by changing the saturation by 10% instead.



 D29C58

 D29C58

FFFFFF

 B5823F

 FFD28C

 986927

 FFEFA6

 7C510D

 FFFFC2

 613A00

 FFFFDE

 462400

 FFFFFB

 2C1000

 0C0000

 000000

 D29C58

 D29C58

 D29343

 D2A56D

 D2892E

 D2AF82

 D28019

 D2B897

 D27704

 D2C1AC

 D27500

 D2CAC1

 D2D4D6

 D2DDEB

 D2E6FF

 D2F0FF

# Harmonies

## Analogous

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



EB8E70



D29C58



ADAA55

# Triad

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



D29C58



00BBB8



C195E1

# Complementary

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



D29C58



588ED2

# 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.



86A4F5



D29C58



00B8DD

# Square

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



D29C58



46BA8E



25B1F3



E688BE

# Rectangle

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



D29C58



90B161



25B1F3



B09AEA

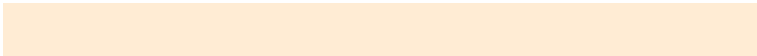


# Sweetspot

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



D29C58



FFECD4



D2588F



807466



000000



808080



# Same Dimension

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



D29C58



FFB04D



CCD258



69645E



A85E00



291700



# Inverse Universe

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



588ED2



4D9CFF



5E58D2



5E6369



004AA8



001229



# Previews

## White Background



This preview shows how the Hex color D29C58 looks on a white background.

## Color Contrast Check

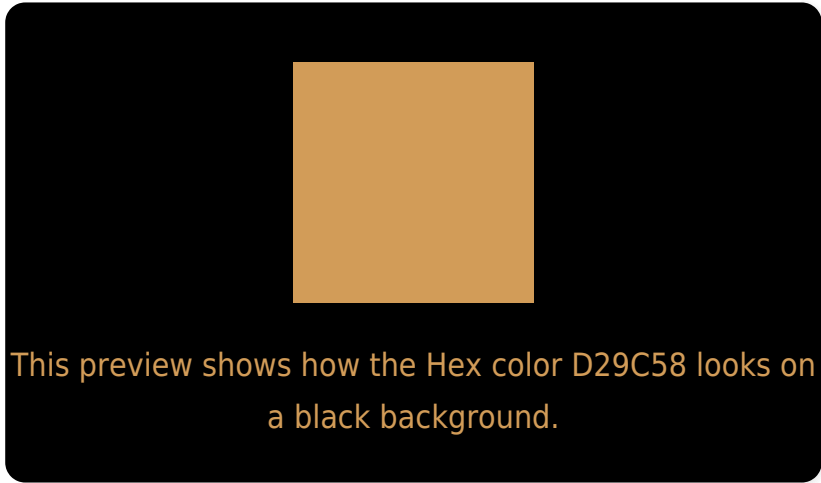
Large Text (above 18pt) WCAG AA × Fail

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

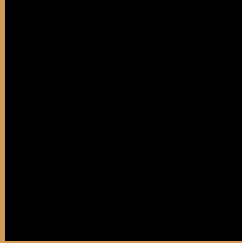
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D29C58 Background



This preview shows how black text looks on a background with the Hex color D29C58.



This preview shows how white text looks on a background with the Hex color D29C58.

# 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**  
D29C58

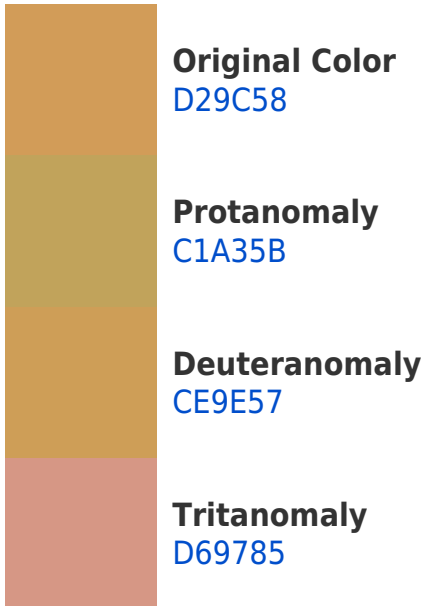
**Protanopia**  
B7A75C

**Deuteranopia**  
CC9F57

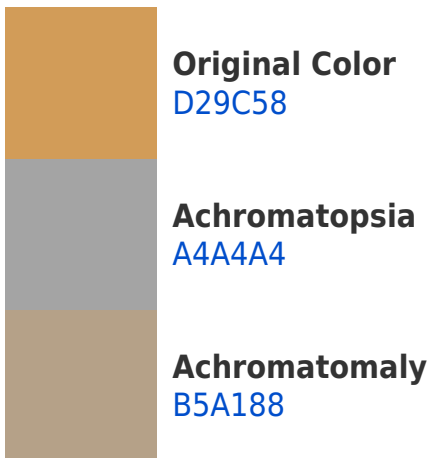


**Tritanopia**  
D8949F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D29C58 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 #D29C58 looks like.

```
.text, #text, p{  
    color:#D29C58  
}
```

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 #D29C58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D29C58
}
```

## Border

The CSS property to change the border of an element to Hex D29C58 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
#D29C58 }
```

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

```
.border{ border-color:#D29C58 }
```

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

Here you see how a box with a 4 pixel #D29C58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D29C58; -webkit-box-shadow:4px 4px  
4px 4px #D29C58; box-shadow:4px 4px 4px  
4px #D29C58 }
```

# Background

The CSS property to change the background color of an element to Hex D29C58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D29C58 }
```

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

```
.background{ background-color:#D29C58 }
```

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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