

# Converting Colors

Hex(D2914D)

Have a look what the booklet for  
Hex(D2914D) contains.

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# **Color**

**Hex(D2914D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D2914D
RGB	210, 145, 77
RGB Percent	82%, 57%, 30%
CMY	0.1765, 0.4314, 0.6980
CMYK	0.00, 0.31, 0.63, 0.18
HSL	31°, 60%, 56%
HSV	31°, 63%, 82%
XYZ	38.0433, 34.4883, 11.6730
YIQ	156.6830, 60.5680, -7.3680

# Conversions

## Conversions Part 2

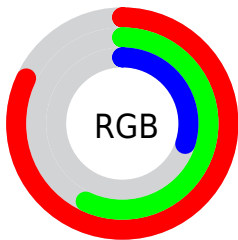
Format	Color
<b>RYB</b>	204, 210, 77
Decimal	13799757
CIELab	65.35, 17.84, 45.25
CIELCh	65, 48.637, 68.478
Yxy	34.4883, 0.4518, 0.4096
Android (android.graphics.Color)	4291989837 (0xFFD2914D)
YUV	156.6830, -39.2837, 46.7590
Hunter-Lab	58.7267, 12.8610, 29.3237

# Details

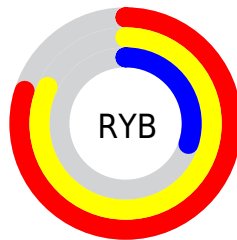
The Hex color **D2914D** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **4D8ED2**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFC780**, and **985E1B** is the 20% darker color. If you saturate the color by 10%, you get **D28738**, and if you desaturate by 10%, it is **D29B62**.

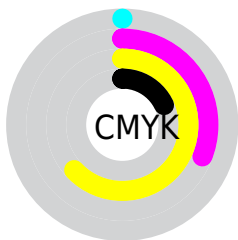
# Distribution



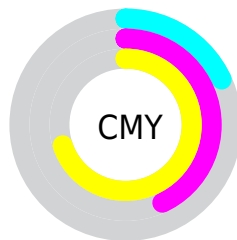
- Red (82%)
- Green (57%)
- Blue (30%)



- Red (80%)
- Yellow (82%)
- Blue (30%)



- Cyan (0%)
- Magenta (31%)
- Yellow (63%)
- Black (18%)



- Cyan (18%)
- Magenta (43%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D2914D 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 D2914D by changing the saturation by 10% instead.



 D2914D

 D2914D

FFFFFF

 B47734

 FFC780

 985E1B

 FFE39B

 7B4700

 FFFFB6

 603000

 FFFFD2

 441B00

 FFFFEE

 2A0400

 000000

 D2914D

 D2914D

 D28738

 D29B62

 D27C23

 D2A677

 D2720E

 D2B08C

 D26B00

 D2BAA1

 D2C4B6

 D2CFCB

 D2D9E0

 D2E3F5

 D2EDFF

# Harmonies

## Analogous

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



EB826B



D2914D



ACA045

# Triad

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



D2914D



00B5AA



B28EE3

# Complementary

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



D2914D



4D8ED2

# 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.



6A9FF5



D2914D



00B3D4

# Square

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



D2914D



3DB27D



00ACEF



DE7FC0

# Rectangle

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



D2914D



8EA84F



00ACEF



9E94EB

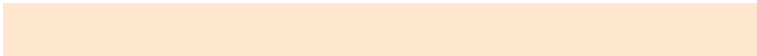


# Sweetspot

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



D2914D



FFE7CF



D24D90



807162



000000



808080



# Same Dimension

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



D2914D



FFA03D



D2D24D



69635E



A85600



291500



# Inverse Universe

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



4D8ED2



3D9CFF



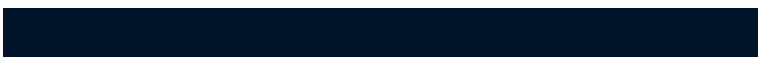
4D4DD2



5E6369



0052A8

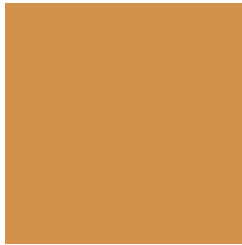


001429



# Previews

## White Background



This preview shows how the Hex color D2914D 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 D2914D Background



This preview shows how black text looks on a background with the Hex color D2914D.



This preview shows how white text looks on a background with the Hex color D2914D.

# 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**  
D2914D

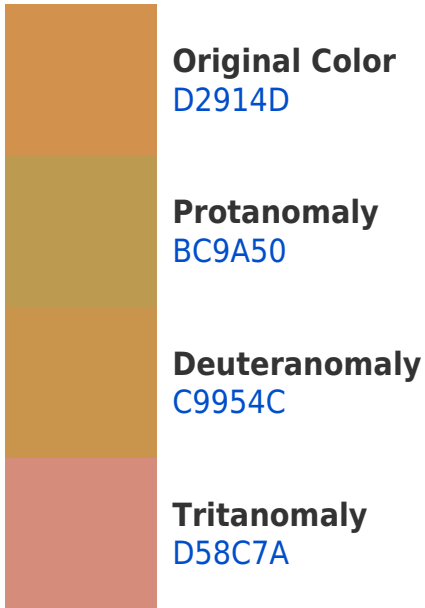
**Protanopia**  
B09F52

**Deuteranopia**  
C4974B

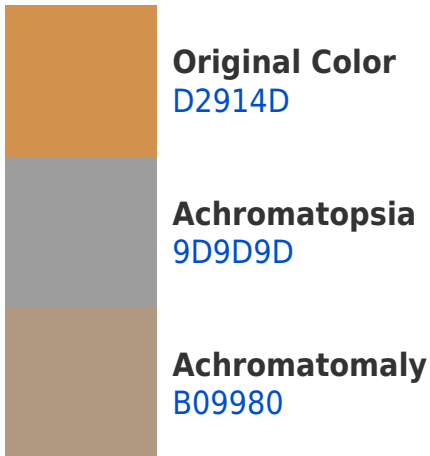


**Tritanopia**  
D78993

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D2914D 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 #D2914D looks like.

```
.text, #text, p{  
    color:#D2914D  
}
```

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 #D2914D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2914D
}
```

## Border

The CSS property to change the border of an element to Hex D2914D 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
#D2914D }
```

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

```
.border{ border-color:#D2914D }
```

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

Here you see how a box with a 4 pixel #D2914D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2914D; -webkit-box-shadow:4px 4px  
4px 4px #D2914D; box-shadow:4px 4px 4px  
4px #D2914D }
```

# Background

The CSS property to change the background color of an element to Hex D2914D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2914D }
```

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

```
.background{ background-color:#D2914D }
```

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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