

# Converting Colors

Hex(D1712F)

Have a look what the booklet for  
Hex(D1712F) contains.

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**Color**

**Hex(D1712F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D1712F
RGB	209, 113, 47
RGB Percent	82%, 44%, 18%
CMY	0.1804, 0.5569, 0.8157
CMYK	0.00, 0.46, 0.78, 0.18
HSL	24°, 64%, 50%
HSV	24°, 78%, 82%
XYZ	32.7127, 25.5708, 5.9008
YIQ	134.1800, 78.4020, -0.1740

# Conversions

## Conversions Part 2

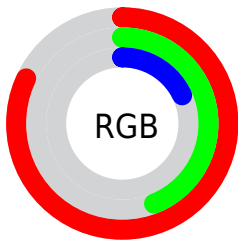
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	209, 158, 47
Decimal	13725999
CIE Lab	57.63, 33.04, 51.26
CIE LCh	58, 60.983, 57.195
Yxy	25.5708, 0.5097, 0.3984
Android (android.graphics.Color)	4291916079 (0xFFD1712F)
YUV	134.1800, -42.9797, 65.6171
Hunter-Lab	50.5676, 26.9803, 28.4786

# Details

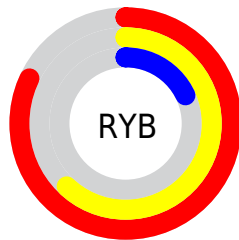
The Hex color **D1712F** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **2F8FD1**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FFA661**, and **943F00** is the 20% darker color. If you saturate the color by 10%, you get **D1651A**, and if you desaturate by 10%, it is **D17D44**.

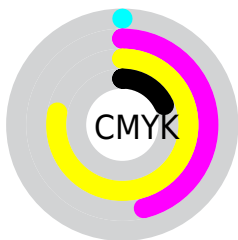
# Distribution



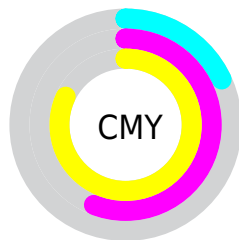
- Red (82%)
- Green (44%)
- Blue (18%)



- Red (82%)
- Yellow (62%)
- Blue (18%)



- Cyan (0%)
- Magenta (46%)
- Yellow (78%)
- Black (18%)



- Cyan (18%)
- Magenta (56%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D1712F 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 D1712F by changing the saturation by 10% instead.



 D1712F

 D1712F

FFFFFF

 B25815

 FFA661

 943F00

 FFC17B

 772700

 FFDE96

 5A0D00

 FFFAB1

 3E0000

 FFFFCD

 240001

 FFFFEA

 000000

 D1712F

 D1712F

 D1651A

 D17D44

 D15805

 D18A59

 D15500

 D1966E

 D1A383

 D1AF97

 D1BBAC

 D1C8C1

 D1D4D6

 D1E0EB

# Harmonies

## Analogous

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



E85C5D



D1712F



A9860A

# Triad

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



D1712F



00A384



807EEA

# Complementary

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



D1712F



2F8FD1

# 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.



0092F5



D1712F



00A3BA

# Square

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



D1712F



219F4D



009EE3



C666C5

# Rectangle

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



D1712F



889111



009EE3



5B86F1

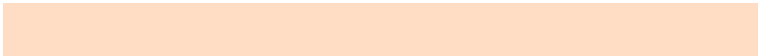


# Sweetspot

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



D1712F



FFDCC4



D12F90



806A5C



000000



808080



# Same Dimension

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



D1712F



FF7212



D1C12F



69625E



A84500



291100

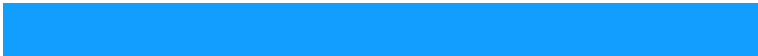


# Inverse Universe

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



2F8FD1



129EFF



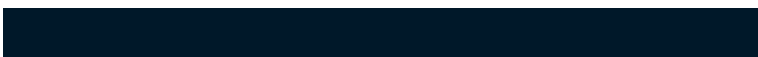
2F3FD1



5E6469



0064A8

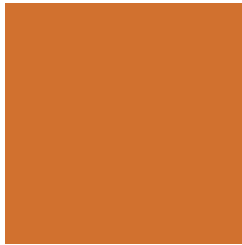


001829



# Previews

## White Background



This preview shows how the Hex color D1712F looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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

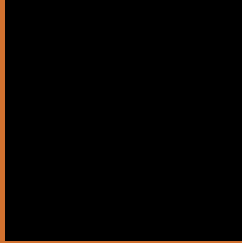
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D1712F Background



This preview shows how black text looks on a background with the Hex color D1712F.



This preview shows how white text looks on a background with the Hex color D1712F.

# 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**  
D1712F

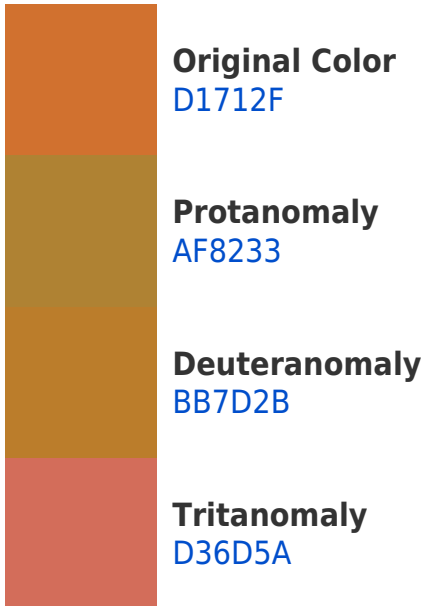
**Protanopia**  
9B8B36

**Deuteranopia**  
AE8429

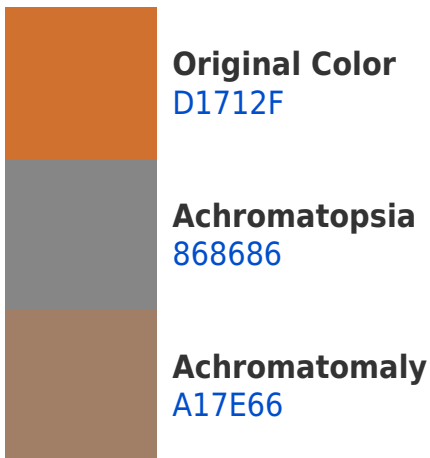


**Tritanopia**  
D46A72

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D1712F 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 #D1712F looks like.

```
.text, #text, p{  
    color:#D1712F  
}
```

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 #D1712F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1712F
}
```

## Border

The CSS property to change the border of an element to Hex D1712F 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
#D1712F }
```

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

```
.border{ border-color:#D1712F }
```

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

Here you see how a box with a 4 pixel #D1712F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1712F; -webkit-box-shadow:4px 4px  
4px 4px #D1712F; box-shadow:4px 4px 4px  
4px #D1712F }
```

# Background

The CSS property to change the background color of an element to Hex D1712F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1712F }
```

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

```
.background{ background-color:#D1712F }
```

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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