

# Converting Colors

Hex(D1892F)

Have a look what the booklet for  
Hex(D1892F) contains.

<b>Hex(D1892F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(D1892F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D1892F
RGB	209, 137, 47
RGB Percent	82%, 54%, 18%
CMY	0.1804, 0.4627, 0.8157
CMYK	0.00, 0.34, 0.78, 0.18
HSL	33°, 64%, 50%
HSV	33°, 78%, 82%
XYZ	35.7532, 31.6519, 6.9143
YIQ	148.2680, 71.8020, -12.7260

# Conversions

## Conversions Part 2

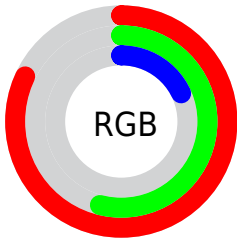
Format	Color
R <sub>Y</sub> B	177, 209, 47
Decimal	13732143
CIE Lab	63.05, 20.18, 56.51
CIE LCh	63, 60.005, 70.343
Yxy	31.6519, 0.4811, 0.4259
Android (android.graphics.Color)	4291922223 (0xFFD1892F)
YUV	148.2680, -49.9251, 53.2620
Hunter-Lab	56.2600, 14.9818, 32.0953

# Details

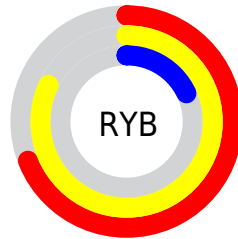
The Hex color **D1892F** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **2F77D1**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FFBE63**, and **955700** is the 20% darker color. If you saturate the color by 10%, you get **D1801A**, and if you desaturate by 10%, it is **D19244**.

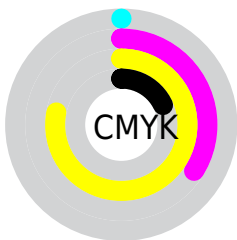
# Distribution



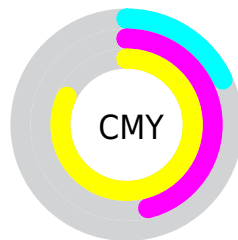
- Red (82%)
- Green (54%)
- Blue (18%)



- Red (69%)
- Yellow (82%)
- Blue (18%)



- Cyan (0%)
- Magenta (34%)
- Yellow (78%)
- Black (18%)



- Cyan (18%)
- Magenta (46%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D1892F 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 D1892F by changing the saturation by 10% instead.



 D1892F

 D1892F

FFFFFF

 B37011

 FFBE63

 955700

 FFDA7E

 793F00

 FFF799

 5C2900

 FFFFB4

 401400

 FFFFD1

 280000

 FFFFED

 000000

 D1892F

 D1892F

 D1801A

 D19244

 D17605

 D19C59

 D17400

 D1A56E

 D1AE83

 D1B797

 D1C1AC

 D1CAC1

 D1D3D6

 D1DDEB

# Harmonies

## Analogous

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



F07456



D1892F



A39C23

# Triad

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



D1892F



00B2AA



B382EA

# Complementary

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



D1892F



2F77D1

# 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.



4F98FF



D1892F



00B0DC

# Square

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



D1892F



00B073



00A8FD



E76DBE

# Rectangle

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



D1892F



7EA534



00A8FD



9A8AF5

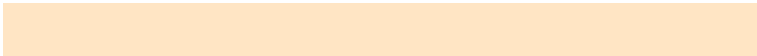


# Sweetspot

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



D1892F



FFE5C4



D12F78



80705C



000000



808080



# Same Dimension

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



D1892F



FF9612



C9D12F



69645E



A85E00



291700



# Inverse Universe

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



2F77D1



127BFF



372FD1



5E6369



004BA8

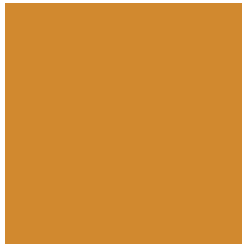


001229



# Previews

## White Background



This preview shows how the Hex color D1892F 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

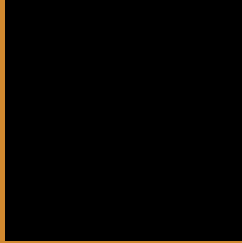
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D1892F Background



This preview shows how black text looks on a background with the Hex color D1892F.



This preview shows how white text looks on a background with the Hex color D1892F.

# 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**  
D1892F

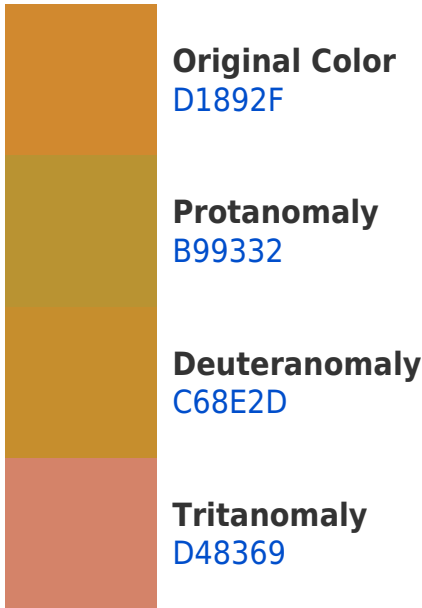
**Protanopia**  
AB9933

**Deuteranopia**  
C0912C

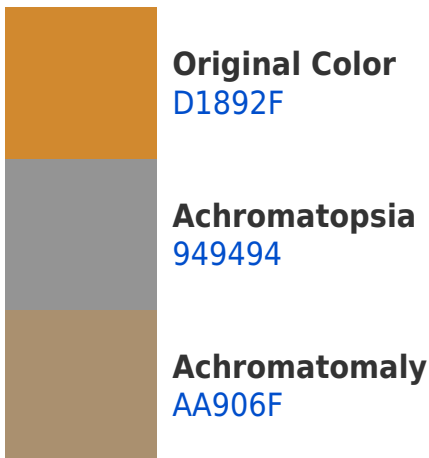


**Tritanopia**  
D6808A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D1892F 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 #D1892F looks like.

```
.text, #text, p{  
    color:#D1892F  
}
```

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 #D1892F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1892F
}
```

## Border

The CSS property to change the border of an element to Hex D1892F 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
#D1892F }
```

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

```
.border{ border-color:#D1892F }
```

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

Here you see how a box with a 4 pixel #D1892F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1892F; -webkit-box-shadow:4px 4px  
4px 4px #D1892F; box-shadow:4px 4px 4px  
4px #D1892F }
```

# Background

The CSS property to change the background color of an element to Hex D1892F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1892F }
```

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

```
.background{ background-color:#D1892F }
```

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