

# Converting Colors

Hex(D19514)

Have a look what the booklet for  
Hex(D19514) contains.

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**Color**

**Hex(D19514)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | D19514                      |
| RGB         | 209, 149, 20                |
| RGB Percent | 82%, 58%, 8%                |
| CMY         | 0.1804, 0.4157, 0.9216      |
| CMYK        | 0.00, 0.29, 0.90, 0.18      |
| HSL         | 41°, 83%, 45%               |
| HSV         | 41°, 90%, 82%               |
| XYZ         | 37.1682, 35.1007, 5.4780    |
| YIQ         | 152.2340, 77.1690, -27.3990 |

# Conversions

## Conversions Part 2

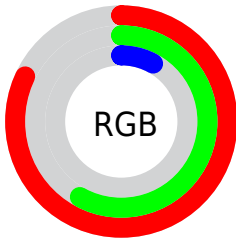
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| RYP                                 | 108, 209, 20                   |
| Decimal                             | 13735188                       |
| CIELab                              | 65.83, 12.93, 67.25            |
| CIElCh                              | 66, 68.480, 79.114             |
| Yxy                                 | 35.1007, 0.4781,<br>0.4515     |
| Android<br>(android.graphics.Color) | 4291925268<br>(0xFFD19514)     |
| YUV                                 | 152.2340, -65.1914,<br>49.7838 |
| Hunter-Lab                          | 59.2459, 8.3027,<br>35.9901    |

# Details

The Hex color **D19514** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **1450D1**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFCB52**, and **956300** is the 20% darker color. If you saturate the color by 10%, you get **D18F00**, and if you desaturate by 10%, it is **D19C29**.

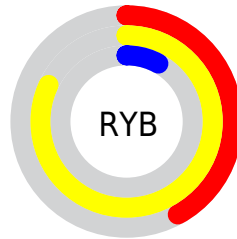
# Distribution



Red (82%)

Green (58%)

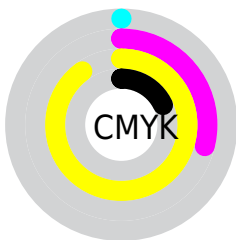
Blue (8%)



Red (42%)

Yellow (82%)

Blue (8%)

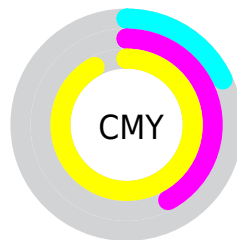


Cyan (0%)

Magenta (29%)

Yellow (90%)

Black (18%)



Cyan (18%)

Magenta (42%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D19514 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 D19514 by changing the saturation by 10% instead.



 D19514

 D19514

FFFFFF

 B37B00

 FFCB52

 956300

 FFE76D

 784B00

 FFFF89

 5B3400

 FFFFA4

 401F00

 FFFFC1

 270A00

 FFFFDE

 000000

 FFFFFB

 D19514

 D19514

■ D18F00

■ D19C29

■ D1A23E

■ D1A953

■ D1B068

■ D1B67C

■ D1BD91

■ D1C3A6

■ D1CABB

■ D1D1D0

# Harmonies

## Analogous

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



FA7B44



D19514



99A915

# Triad

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



D19514



00BDC6



D47EF1

# Complementary

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



D19514



1450D1

# 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.



7299FF



D19514



00B9FC

# Square

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



D19514



00BB87



00ADFF



FF66B9

# Rectangle

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



D19514



6AB237



00ADFF



BA87FF



# Sweetspot

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



D19514



FFE9BA



D11453



807357



000000



808080



# Same Dimension

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



D19514



FFAE00



B2D114



69655E



A87300



291C00



# Inverse Universe

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



1450D1



0051FF



3314D1



5E6169



0035A8



000D29



# Previews

## White Background



This preview shows how the Hex color D19514 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 D19514 Background



This preview shows how black text looks on a background with the Hex color D19514.



This preview shows how white text looks on a background with the Hex color D19514.

# 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**  
D19514

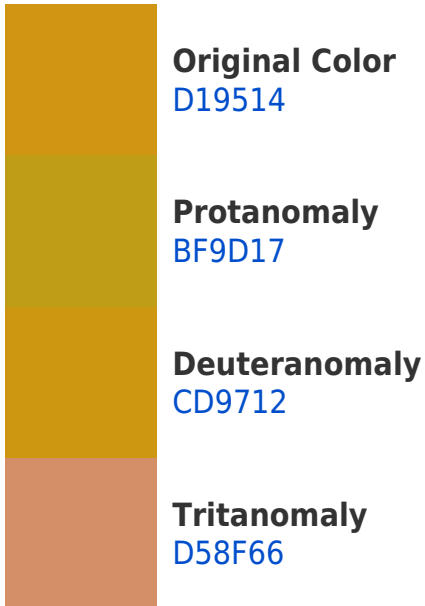
**Protanopia**  
B5A118

**Deuteranopia**  
CB9811

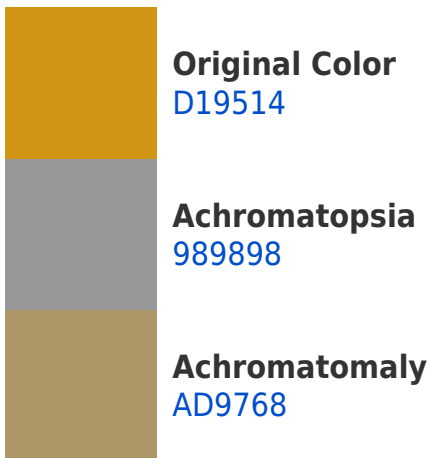


**Tritanopia**  
D88B95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D19514 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 #D19514 looks like.

```
.text, #text, p{  
    color:#D19514  
}
```

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 #D19514 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D19514
}
```

## Border

The CSS property to change the border of an element to Hex D19514 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
#D19514 }
```

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

```
.border{ border-color:#D19514 }
```

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

Here you see how a box with a 4 pixel #D19514 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D19514; -webkit-box-shadow:4px 4px  
4px 4px #D19514; box-shadow:4px 4px 4px  
4px #D19514 }
```

# Background

The CSS property to change the background color of an element to Hex D19514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D19514 }
```

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

```
.background{ background-color:#D19514 }
```

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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