

# Converting Colors

Hex(D19E1F)

Have a look what the booklet for  
Hex(D19E1F) contains.

<b>Hex(D19E1F)</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(D19E1F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D19E1F
RGB	209, 158, 31
RGB Percent	82%, 62%, 12%
CMY	0.1804, 0.3804, 0.8784
CMYK	0.00, 0.24, 0.85, 0.18
HSL	43°, 74%, 47%
HSV	43°, 85%, 82%
XYZ	38.7687, 38.1080, 6.6086
YIQ	158.7710, 71.1630, -28.6850

# Conversions

## Conversions Part 2

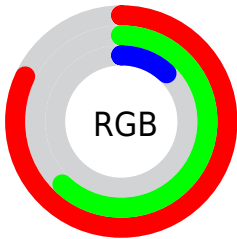
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 209, 31
Decimal	13737503
CIELab	68.10, 8.31, 66.40
CIElCh	68, 66.920, 82.868
Yxy	38.1080, 0.4644, 0.4565
Android (android.graphics.Color)	4291927583 (0xFFD19E1F)
YUV	158.7710, -62.9911, 44.0508
Hunter-Lab	61.7316, 4.0711, 36.8650

# Details

The Hex color **D19E1F** 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 **1F52D1**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFD459**, and **966B00** is the 20% darker color. If you saturate the color by 10%, you get **D1980A**, and if you desaturate by 10%, it is **D1A434**.

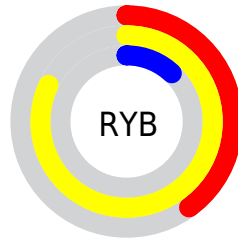
# Distribution



Red (82%)

Green (62%)

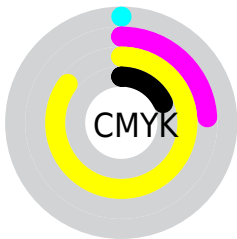
Blue (12%)



Red (40%)

Yellow (82%)

Blue (12%)

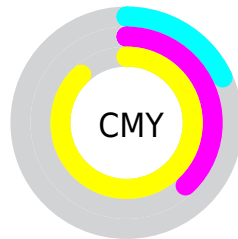


Cyan (0%)

Magenta (24%)

Yellow (85%)

Black (18%)



Cyan (18%)

Magenta (38%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D19E1F 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 D19E1F by changing the saturation by 10% instead.



 D19E1F

 D19E1F

FFFFFF

 B38400

 FFD459

 966B00

 FFF175

 795300

 FFFF90

 5C3C00

 FFFFAC

 412700

 FFFFC9

 281300

 FFFF66

 000000

 D19E1F

 D19E1F

 D1980A

 D1A434

 D19500

 D1AA49

 D1B05E

 D1B673

 D1BC88

 D1C29C

 D1C8B1

 D1CEC6

 D1D4DB

# Harmonies

## Analogous

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



FC8646



D19E1F



98B128

# Triad

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



D19E1F



00C2D3



E181F0

# Complementary

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



D19E1F



1F52D1

# 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.



8B9CFF



D19E1F



00BEFF

# Square

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



D19E1F



00C295



00B1FF



FF6DB7

# Rectangle

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



D19E1F



68B947



00B1FF



CA8AFF



# Sweetspot

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



D19E1F



FFECBD



D11F54



807458



000000



808080



# Same Dimension

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



D19E1F



FFB600



ADD11F



69665E



A87800



291D00



# Inverse Universe

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



1F52D1



0049FF



431FD1



5E6169



0030A8

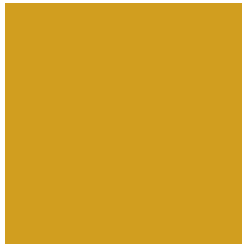


000C29



# Previews

## White Background



This preview shows how the Hex color D19E1F 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 D19E1F Background



This preview shows how black text looks on a background with the Hex color D19E1F.



This preview shows how white text looks on a background with the Hex color D19E1F.

# 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**  
D19E1F

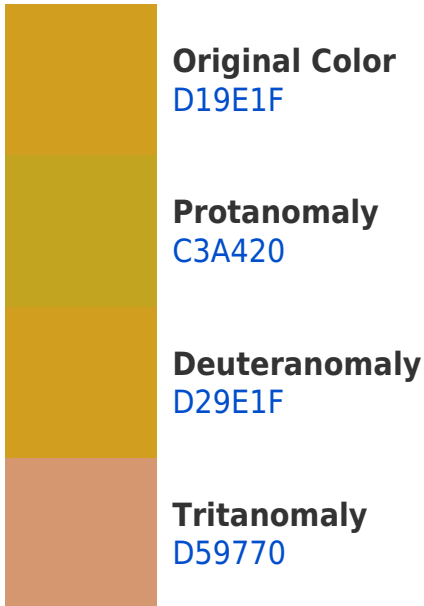
**Protanopia**  
BBA721

**Deuteranopia**  
D29E1F

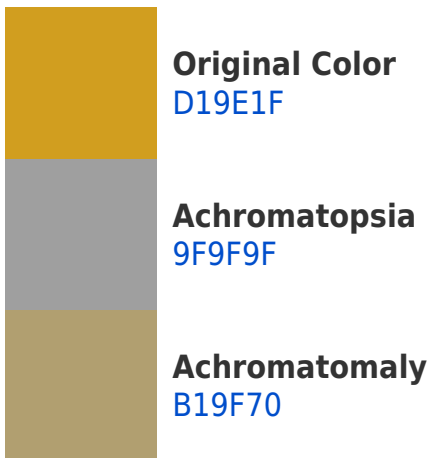


**Tritanopia**  
D8939E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D19E1F 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 #D19E1F looks like.

```
.text, #text, p{  
    color:#D19E1F  
}
```

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 #D19E1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D19E1F
}
```

## Border

The CSS property to change the border of an element to Hex D19E1F 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
#D19E1F }
```

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

```
.border{ border-color:#D19E1F }
```

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

Here you see how a box with a 4 pixel #D19E1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D19E1F; -webkit-box-shadow:4px 4px  
4px 4px #D19E1F; box-shadow:4px 4px 4px  
4px #D19E1F }
```

# Background

The CSS property to change the background color of an element to Hex D19E1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D19E1F }
```

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

```
.background{ background-color:#D19E1F }
```

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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