

# Converting Colors

Hex(D19300)

Have a look what the booklet for  
Hex(D19300) contains.

<b>Hex(D19300)</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(D19300)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D19300
RGB	209, 147, 0
RGB Percent	82%, 58%, 0%
CMY	0.1804, 0.4235, 1.0000
CMYK	0.00, 0.30, 1.00, 0.18
HSL	42°, 100%, 41%
HSV	42°, 100%, 82%
XYZ	36.7282, 34.4227, 4.7085
YIQ	148.7800, 84.1390, -32.5730

# Conversions

## Conversions Part 2

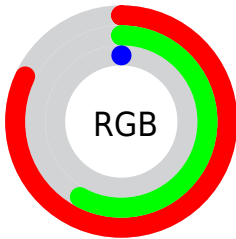
<b>Format</b>	<b>Color</b>
<b>RYB</b>	88, 209, 0
Decimal	13734656
CIELab	65.30, 13.77, 69.97
CIELCh	65, 71.309, 78.866
Yxy	34.4227, 0.4842, 0.4538
Android (android.graphics.Color)	4291924736 (0xFFD19300)
YUV	148.7800, -73.3485, 52.8129
Hunter-Lab	58.6709, 9.0676, 36.3115

# Details

The Hex color **D19300** 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 **003ED1**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FFC94A**, and **956100** is the 20% darker color. If you saturate the color by 10%, you get **D19300**, and if you desaturate by 10%, it is **D19915**.

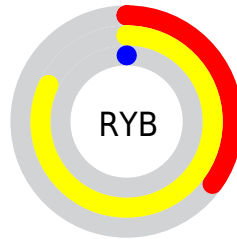
# Distribution



Red (82%)

Green (58%)

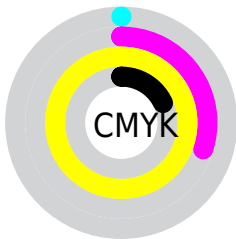
Blue (0%)



Red (35%)

Yellow (82%)

Blue (0%)

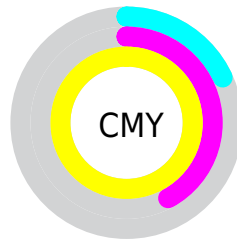


Cyan (0%)

Magenta (30%)

Yellow (100%)

Black (18%)



Cyan (18%)

Magenta (42%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D19300 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 D19300 by changing the saturation by 10% instead.



 D19300

 D19300

FFFFFF

 B37900

 FFC94A

 956100

 FFE565

 784900

 FFFF81

 5B3300

 FFFF9D

 401D00

 FFFFB9

 270800

 FFFFD6

 000000

 FFFFF3

 D19300

 D19915

 D19F2A

 D1A63F

 D1AC54

 D1B269

 D1B87D

 D1BE92

 D1C5A7

 D1CBBC

# Harmonies

## Analogous

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



FC783F



D19300



97A800

# Triad

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



D19300



00BCC6



D37BF3

# Complementary

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



D19300



003ED1

# 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.



6B98FF



D19300



00B8FE

# Square

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



D19300



00BB84



00ADFF



FF61B9

# Rectangle

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



D19300



66B130



00ADFF



B985FF



# Sweetspot

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



D19300



FFE8B3



D1003F



807252



000000



808080



# Same Dimension

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



D19300



FFB300



A7D100



69655E



A87600



291D00



# Inverse Universe

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



003ED1



004CFF



2A00D1



5E6169



0032A8



000C29



# Previews

## White Background



This preview shows how the Hex color D19300 looks on a white background.

## Color Contrast Check

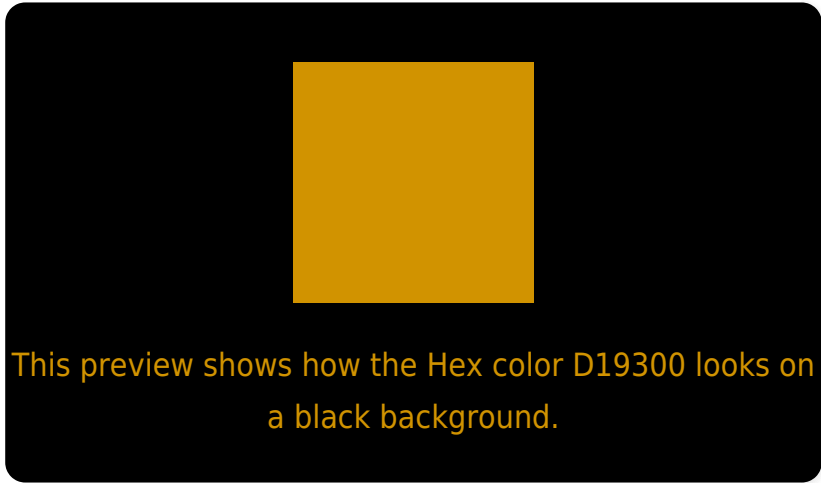
Large Text (above 18pt) WCAG AA × Fail

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 D19300 Background



This preview shows how black text looks on a background with the Hex color D19300.



This preview shows how white text looks on a background with the Hex color D19300.

# 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**  
D19300

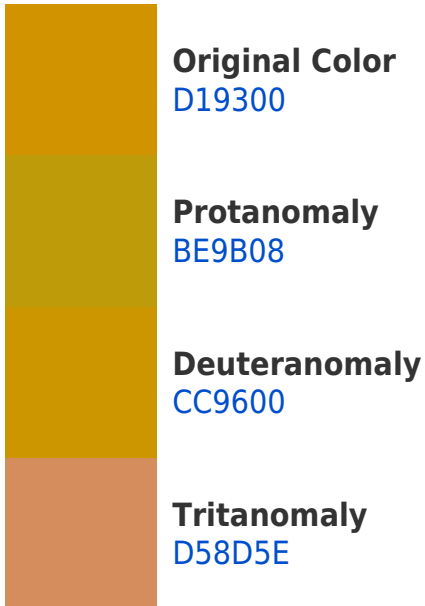
**Protanopia**  
B39F0D

**Deuteranopia**  
C99700

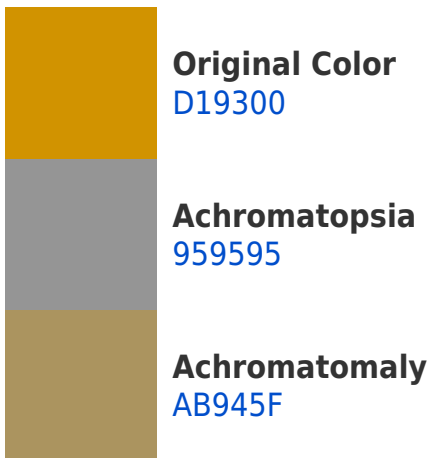


**Tritanopia**  
D88993

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D19300 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 #D19300 looks like.

```
.text, #text, p{  
    color:#D19300  
}
```

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 #D19300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D19300
}
```

## Border

The CSS property to change the border of an element to Hex D19300 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
#D19300 }
```

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

```
.border{ border-color:#D19300 }
```

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

Here you see how a box with a 4 pixel #D19300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D19300; -webkit-box-shadow:4px 4px  
4px 4px #D19300; box-shadow:4px 4px 4px  
4px #D19300 }
```

# Background

The CSS property to change the background color of an element to Hex D19300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D19300 }
```

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

```
.background{ background-color:#D19300 }
```

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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