

Converting Colors

Hex(C19D00)

Have a look what the booklet for
Hex(C19D00) contains.

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Color

Hex(C19D00)

Conversions

Conversions Part 1

Format	Color
Hex	C19D00
RGB	193, 157, 0
RGB Percent	76%, 62%, 0%
CMY	0.2431, 0.3843, 1.0000
CMYK	0.00, 0.19, 1.00, 0.24
HSL	49°, 100%, 38%
HSV	49°, 100%, 76%
XYZ	34.0493, 35.4514, 5.0482
YIQ	149.8660, 71.8530, -41.1950

Conversions

Conversions Part 2

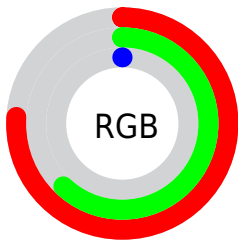
Format	Color
R _Y B	44, 193, 0
Decimal	12688640
CIE Lab	66.10, 1.23, 69.70
CIE LCh	66, 69.711, 88.986
Yxy	35.4514, 0.4567, 0.4755
Android (android.graphics.Color)	4290878720 (0xFFC19D00)
YUV	149.8660, -73.8839, 37.8285
Hunter-Lab	59.5411, -2.1195, 36.6518

Details

The Hex color **C19D00** 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 **0024C1**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FED34B**, and **866A00** is the 20% darker color. If you saturate the color by 10%, you get **C19D00**, and if you desaturate by 10%, it is **C1A113**.

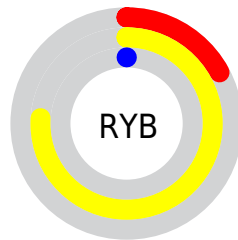
Distribution



Red (76%)

Green (62%)

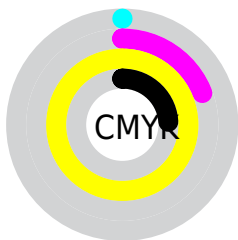
Blue (0%)



Red (17%)

Yellow (76%)

Blue (0%)

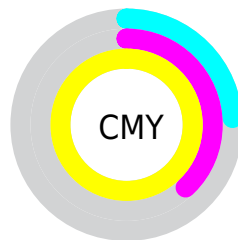


Cyan (0%)

Magenta (19%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (38%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C19D00 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 C19D00 by changing the saturation by 10% instead.

 C19D00

 C19D00

FFFFFF

 A38300

 FED34B

 866A00

 FFEF67

 6A5200

 FFFF83

 4E3C00

 FFFF9F

 342600

 FFFFBB

 1C1200

 FFFFD8

 000000

 FFFFF5

 C19D00

 C1A113

 C1A427

 C1A83A

 C1AB4D

 C1AF61

 C1B374

 C1B687

 C1BA9A

 C1BDAE

Harmonies

Analogous

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



F18432



C19D00



83AF23

Triad

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



C19D00



00BDDC



EA74E2

Complementary

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



C19D00



0024C1

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.



9B91FF



C19D00



00B7FF

Square

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



C19D00



00BD9D



00A9FF



FF62A5

Rectangle

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



C19D00



4AB649



00A9FF



D57EF4

Sweetspot

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



C19D00



FAECAE



C10027



7D7550



FCFCFC



7D7D7D

Same Dimension

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



C19D00



FACB00



87C100



615F57



A18300



211B00

Inverse Universe

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



0024C1



002FFA



3A00C1



575961



001EA1



000621

Previews

White Background



This preview shows how the Hex color C19D00 looks on a white background.

Color Contrast Check

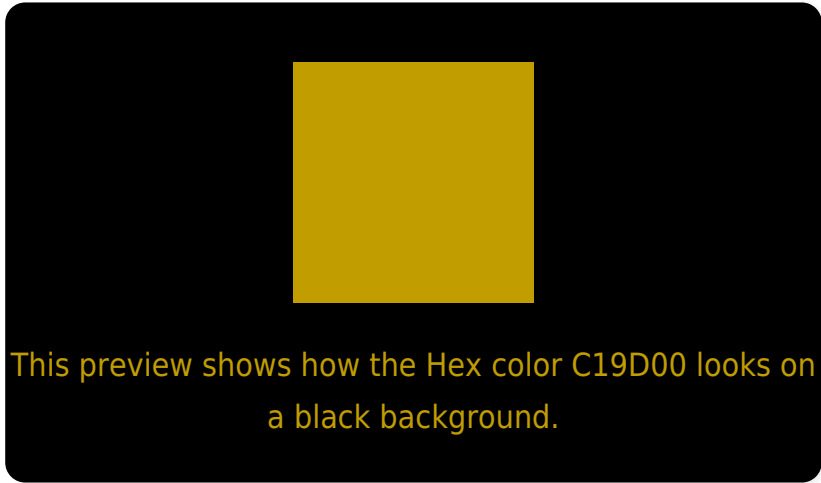
Large Text (above 18pt) WCAG AA × Fail

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 C19D00 Background



This preview shows how black text looks on a background with the Hex color C19D00.



This preview shows how white text looks on a background with the Hex color C19D00.

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
C19D00

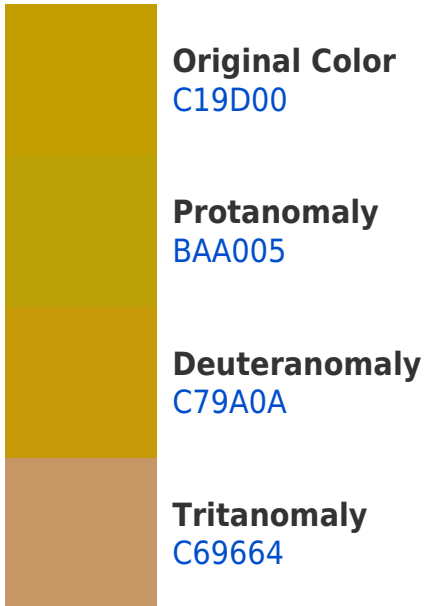
Protanopia
B6A108

Deuteranopia
CB990F



Tritanopia
C9929D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C19D00 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 #C19D00 looks like.

```
.text, #text, p{  
    color:#C19D00  
}
```

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 #C19D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C19D00
}
```

Border

The CSS property to change the border of an element to Hex C19D00 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
#C19D00 }
```

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

```
.border{ border-color:#C19D00 }
```

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

Here you see how a box with a 4 pixel #C19D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C19D00; -webkit-box-shadow:4px 4px  
4px 4px #C19D00; box-shadow:4px 4px 4px  
4px #C19D00 }
```

Background

The CSS property to change the background color of an element to Hex C19D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C19D00 }
```

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

```
.background{ background-color:#C19D00 }
```

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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