

Converting Colors

Hex(C19600)

Have a look what the booklet for
Hex(C19600) contains.

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Color

Hex(C19600)

Conversions

Conversions Part 1

Format	Color
Hex	C19600
RGB	193, 150, 0
RGB Percent	76%, 59%, 0%
CMY	0.2431, 0.4118, 1.0000
CMYK	0.00, 0.22, 1.00, 0.24
HSL	47°, 100%, 38%
HSV	47°, 100%, 76%
XYZ	32.8987, 33.1501, 4.6647
YIQ	145.7570, 73.7780, -37.5340

Conversions

Conversions Part 2

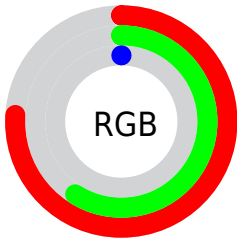
Format	Color
RYB	55, 193, 0
Decimal	12686848
CIELab	64.28, 5.02, 68.44
CIELCh	64, 68.620, 85.807
Yxy	33.1501, 0.4652, 0.4688
Android (android.graphics.Color)	4290876928 (0xFFC19600)
YUV	145.7570, -71.8582, 41.4321
Hunter-Lab	57.5762, 1.2355, 35.4998

Details

The Hex color **C19600** 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 **002BC1**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FECC4A**, and **866400** is the 20% darker color. If you saturate the color by 10%, you get **C19600**, and if you desaturate by 10%, it is **C19A13**.

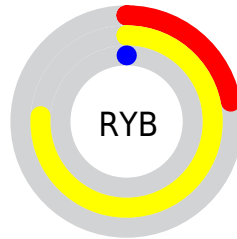
Distribution



Red (76%)

Green (59%)

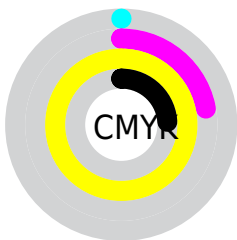
Blue (0%)



Red (22%)

Yellow (76%)

Blue (0%)

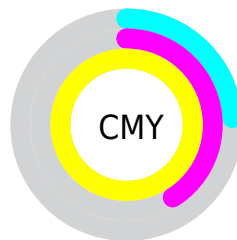


Cyan (0%)

Magenta (22%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (41%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C19600 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 C19600 by changing the saturation by 10% instead.

 C19600

 C19600

FFFFFF

 A37C00

 FECC4A

 866400

 FFE865

 6A4C00

 FFFF81

 4E3600

 FFFF9D

 342100

 FFFFFB9

 1C0B00

 FFFFFD6

 000000

 FFFFF3

 C19600

 C19A13

 C19F27

 C1A33A

 C1A74D

 C1AC61

 C1B074

 C1B487

 C1B89A

 C1BDAE

Harmonies

Analogous

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



EE7D34



C19600



86A81A

Triad

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



C19600



00B8D0



DD73E2

Complementary

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



C19600



002BC1

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.



8A8FFF



C19600



00B3FF

Square

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



C19600



00B891



00A6FF



FF5FA7

Rectangle

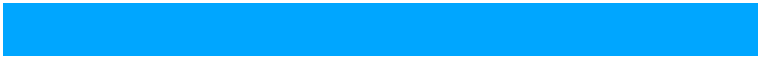
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C19600



52B03F



00A6FF



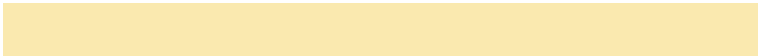
C77DF2

Sweetspot

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



C19600



FAE9AF



C1002D



7D7350



FCFCFC



7D7D7D

Same Dimension

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



C19600



FAC200



8EC100



615F57



A17D00



211A00

Inverse Universe

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



002BC1



0038FA



3300C1



575961



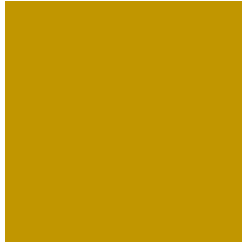
0024A1



000721

Previews

White Background



This preview shows how the Hex color C19600 looks on a white background.

Color Contrast Check

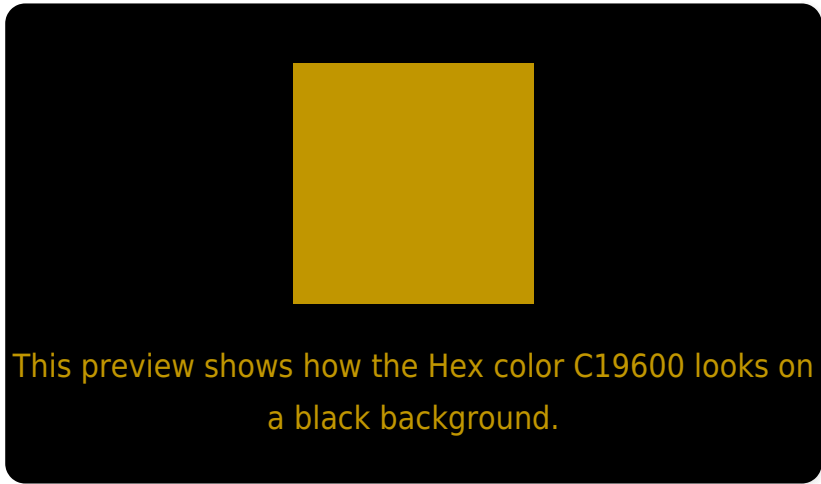
Large Text (above 18pt) WCAG AA × Fail

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 C19600 Background



This preview shows how black text looks on a background with the Hex color C19600.



This preview shows how white text looks on a background with the Hex color C19600.

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
C19600

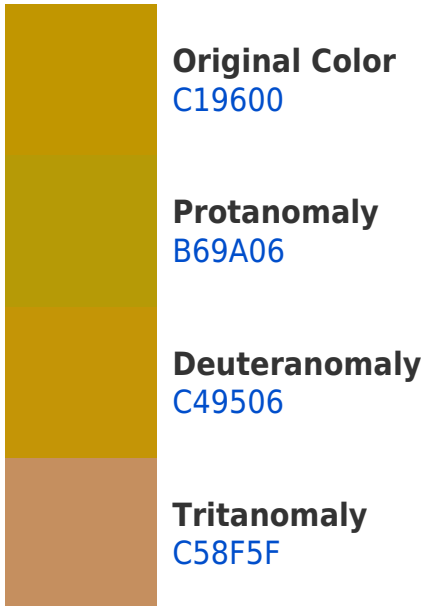
Protanopia
B09D0A

Deuteranopia
C5940A



Tritanopia
C88B96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C19600 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 #C19600 looks like.

```
.text, #text, p{  
    color:#C19600  
}
```

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 #C19600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C19600
}
```

Border

The CSS property to change the border of an element to Hex C19600 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
#C19600 }
```

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

```
.border{ border-color:#C19600 }
```

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

Here you see how a box with a 4 pixel #C19600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C19600; -webkit-box-shadow:4px 4px  
4px 4px #C19600; box-shadow:4px 4px 4px  
4px #C19600 }
```

Background

The CSS property to change the background color of an element to Hex C19600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C19600 }
```

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

```
.background{ background-color:#C19600 }
```

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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