

Converting Colors

Hex(C19817)

Have a look what the booklet for
Hex(C19817) contains.

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Color

Hex(C19817)

Conversions

Conversions Part 1

Format	Color
Hex	C19817
RGB	193, 152, 23
RGB Percent	76%, 60%, 9%
CMY	0.2431, 0.4039, 0.9098
CMYK	0.00, 0.21, 0.88, 0.24
HSL	46°, 79%, 42%
HSV	46°, 88%, 76%
XYZ	33.3752, 33.8558, 5.5864
YIQ	149.5530, 65.8450, -31.4270

Conversions

Conversions Part 2

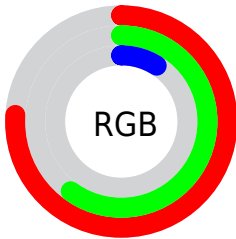
Format	Color
RYB	77, 193, 23
Decimal	12687383
CIELab	64.85, 4.27, 65.08
CIELCh	65, 65.216, 86.249
Yxy	33.8558, 0.4583, 0.4649
Android (android.graphics.Color)	4290877463 (0xFFC19817)
YUV	149.5530, -62.3906, 38.1030
Hunter-Lab	58.1857, 0.5622, 35.0376

Details

The Hex color **C19817** 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 **1740C1**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FDCE53**, and **876600** is the 20% darker color. If you saturate the color by 10%, you get **C19304**, and if you desaturate by 10%, it is **C19D2A**.

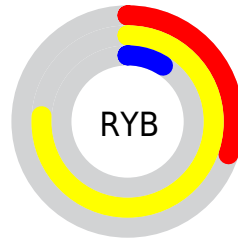
Distribution



Red (76%)

Green (60%)

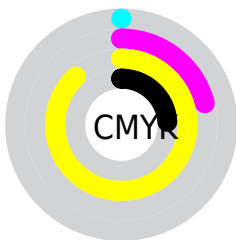
Blue (9%)



Red (30%)

Yellow (76%)

Blue (9%)

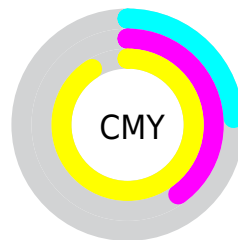


Cyan (0%)

Magenta (21%)

Yellow (88%)

Black (24%)



Cyan (24%)

Magenta (40%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color C19817 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 C19817 by changing the saturation by 10% instead.

 C19817

 C19817

FFFFFF

 A37E00

 FDCE53

 876600

 FFEA6F

 6A4E00

 FFFF8A

 4F3700

 FFFFA6

 342200

 FFFFC2

 1C0D00

 FFFFDF

 000000

 FFFFFC

 C19817

 C19817

■ C19304

■ C19D2A

■ C19200

■ C1A13E

■ C1A651

■ C1AB64

■ C1AF77

■ C1B48B

■ C1B99E

■ C1BDB1

■ C1C2C5

Harmonies

Analogous

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



EC813B



C19817



89A928

Triad

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



C19817



00B9CF



DD77DF

Complementary

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



C19817



1740C1

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.



9091FF



C19817



00B3FE

Square

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



C19817



00B894



00A6FF



FF65A7

Rectangle

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



C19817



58B147



00A6FF



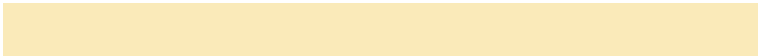
C880EF

Sweetspot

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



C19817



FAEAB9



C11742



7D7456



FCFCFC



7D7D7D

Same Dimension

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



C19817



FABE00



97C117



615F57



A17A00



211900

Inverse Universe

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



1740C1



003CFA



4217C1



575A61



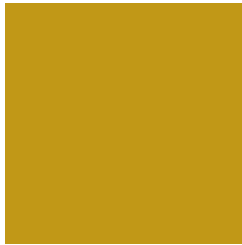
0027A1



000821

Previews

White Background



This preview shows how the Hex color C19817 looks on a white background.

Color Contrast Check

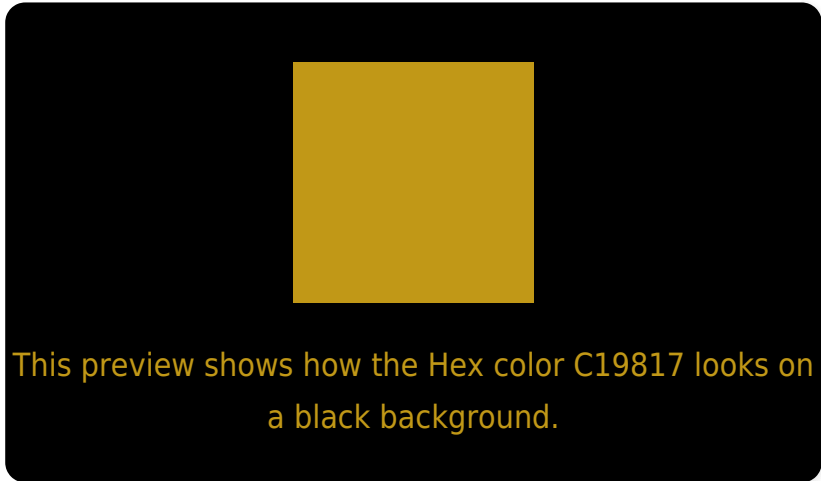
Large Text (above 18pt) WCAG AA × Fail

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 C19817 Background



This preview shows how black text looks on a background with the Hex color C19817.



This preview shows how white text looks on a background with the Hex color C19817.

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
C19817

Protanopia
B29E19

Deuteranopia
C79519

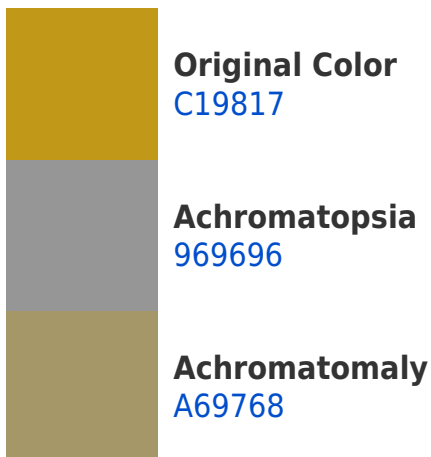


Tritanopia
C98D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C19817 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 #C19817 looks like.

```
.text, #text, p{  
    color:#C19817  
}
```

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 #C19817 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C19817  
}
```

Border

The CSS property to change the border of an element to Hex C19817 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  
#C19817 }
```

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

```
.border{ border-color:#C19817 }
```

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

Here you see how a box with a 4 pixel #C19817 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C19817; -webkit-box-shadow:4px 4px  
4px 4px #C19817; box-shadow:4px 4px 4px  
4px #C19817 }
```

Background

The CSS property to change the background color of an element to Hex C19817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C19817 }
```

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

```
.background{ background-color:#C19817 }
```

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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