

# Converting Colors

Hex(C19103)

Have a look what the booklet for  
Hex(C19103) contains.

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**Color**

**Hex(C19103)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C19103
RGB	193, 145, 3
RGB Percent	76%, 57%, 1%
CMY	0.2431, 0.4314, 0.9882
CMYK	0.00, 0.25, 0.98, 0.24
HSL	45°, 97%, 38%
HSV	45°, 98%, 76%
XYZ	32.1342, 31.5948, 4.4909
YIQ	143.1640, 74.1900, -33.9860

# Conversions

## Conversions Part 2

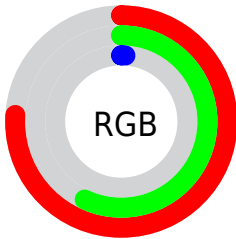
<b>Format</b>	<b>Color</b>
<b>RYB</b>	67, 193, 3
Decimal	12685571
CIELab	63.01, 7.78, 67.12
CIELCh	63, 67.566, 83.392
Yxy	31.5948, 0.4710, 0.4631
Android (android.graphics.Color)	4290875651 (0xFFC19103)
YUV	143.1640, -69.1009, 43.7062
Hunter-Lab	56.2093, 3.6800, 34.6094

# Details

The Hex color **C19103** 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 **0333C1**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FEC74A**, and **865F00** is the 20% darker color. If you saturate the color by 10%, you get **C19000**, and if you desaturate by 10%, it is **C19616**.

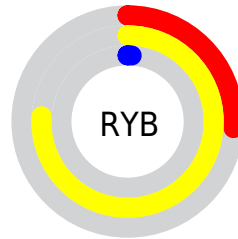
# Distribution



Red (76%)

Green (57%)

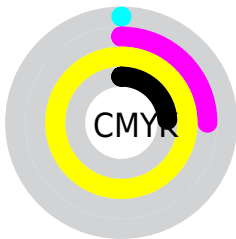
Blue (1%)



Red (26%)

Yellow (76%)

Blue (1%)

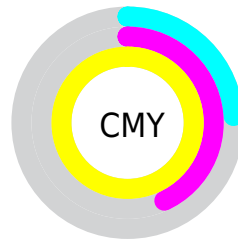


Cyan (0%)

Magenta (25%)

Yellow (98%)

Black (24%)



Cyan (24%)

Magenta (43%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C19103 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 C19103 by changing the saturation by 10% instead.



 C19103

 C19103

FFFFFF

 A37800

 FEC74A

 865F00

 FFE265

 6A4800

 FFFF81

 4E3100

 FFFF9C

 331D00

 FFFFB9

 1C0400

 FFFFD5

 000000

 FFFFF3

 C19103

 C19103

■ C19000

■ C19616

■ C19B2A

■ C1A03D

■ C1A550

■ C1A963

■ C1AE77

■ C1B38A

■ C1B89D

■ C1BDB1

# Harmonies

## Analogous

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



EC7837



C19103



88A315

# Triad

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



C19103



00B4C7



D473E1

# Complementary

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



C19103



0333C1

# 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.



7E8EFF



C19103



00B0F8

# Square

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



C19103



00B489



00A3FF



FD5DA8

# Rectangle

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



C19103



58AB39



00A3FF



BD7CF1

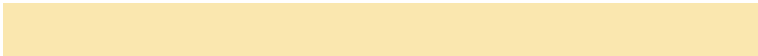


# Sweetspot

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



C19103



FAE7AF



C10336



7D7250



FCFCFC



7D7D7D



# Same Dimension

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



C19103



FABB00



95C103



615E57



A17800



211900



# Inverse Universe

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



0333C1



003FFA



2F03C1



575A61



0029A1

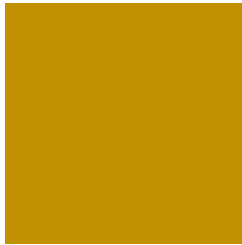


000821



# Previews

## White Background



This preview shows how the Hex color C19103 looks on a white background.

## Color Contrast Check

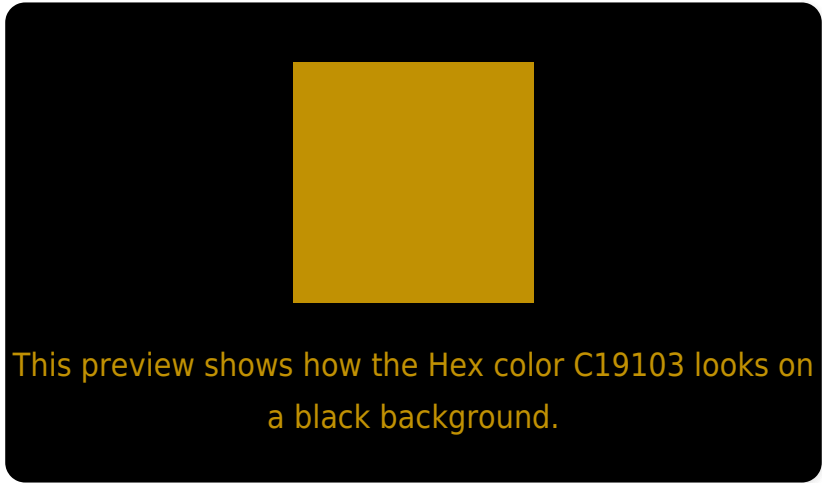
Large Text (above 18pt) WCAG AA × Fail

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 C19103 Background



This preview shows how black text looks on a background with the Hex color C19103.



This preview shows how white text looks on a background with the Hex color C19103.

# 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**  
C19103

**Protanopia**  
AC990B

**Deuteranopia**  
C19104

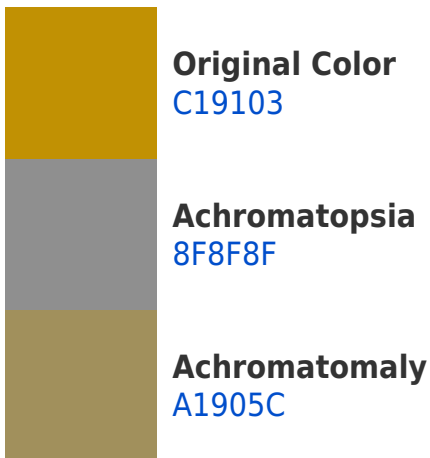


**Tritanopia**  
C88791

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C19103 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 #C19103 looks like.

```
.text, #text, p{  
    color:#C19103  
}
```

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 #C19103 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C19103
}
```

## Border

The CSS property to change the border of an element to Hex C19103 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
#C19103 }
```

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

```
.border{ border-color:#C19103 }
```

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

Here you see how a box with a 4 pixel #C19103 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C19103; -webkit-box-shadow:4px 4px  
4px 4px #C19103; box-shadow:4px 4px 4px  
4px #C19103 }
```

# Background

The CSS property to change the background color of an element to Hex C19103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C19103 }
```

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

```
.background{ background-color:#C19103 }
```

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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