

# Converting Colors

Hex(C19441)

Have a look what the booklet for  
Hex(C19441) contains.

<b>Hex(C19441)</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(C19441)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C19441
RGB	193, 148, 65
RGB Percent	76%, 58%, 25%
CMY	0.2431, 0.4196, 0.7451
CMYK	0.00, 0.23, 0.66, 0.24
HSL	39°, 51%, 51%
HSV	39°, 66%, 76%
XYZ	33.5364, 32.8989, 9.5836
YIQ	151.9930, 53.4630, -16.2730

# Conversions

## Conversions Part 2

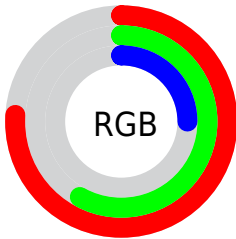
Format	Color
<a href="#">RYB</a>	<a href="#">134, 193, 65</a>
Decimal	<a href="#">12686401</a>
CIELab	<a href="#">64.08, 8.15, 49.10</a>
CIELCh	<a href="#">64, 49.773, 80.579</a>
Yxy	<a href="#">32.8989, 0.4412, 0.4328</a>
Android (android.graphics.Color)	<a href="#">4290876481 (0xFFC19441)</a>
YUV	<a href="#">151.9930, -42.8875, 35.9631</a>
Hunter-Lab	<a href="#">57.3576, 3.9913, 30.2438</a>

# Details

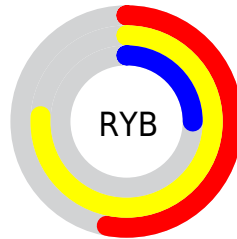
The Hex color **C19441** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **416EC1**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FCCA74**, and **88620A** is the 20% darker color. If you saturate the color by 10%, you get **C18D2E**, and if you desaturate by 10%, it is **C19B54**.

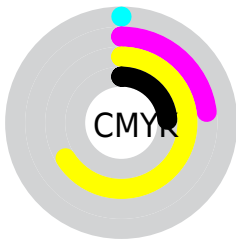
# Distribution



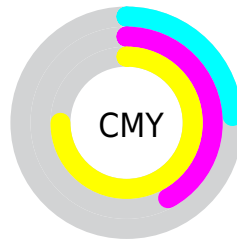
- Red (76%)
- Green (58%)
- Blue (25%)



- Red (53%)
- Yellow (76%)
- Blue (25%)



- Cyan (0%)
- Magenta (23%)
- Yellow (66%)
- Black (24%)



- Cyan (24%)
- Magenta (42%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C19441 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 C19441 by changing the saturation by 10% instead.



 C19441

 C19441

FFFFFF

 A47A27


 FCCA74

 88620A

 FFE68F

 6C4A00

 FFFFFA

 513400

 FFFFC6

 371F00

 FFFF E2

 1F0800

 000000

 C19441

 C19441

 C18D2E

 C19B54

 C1861A

 C1A268

 C18007

 C1A87B

 C17D00

 C1AF8E

 C1B6A1

 C1BDB5

 C1C3C8

 C1CADB

 C1D1EF

# Harmonies

## Analogous

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



E08358



C19441



97A244

# Triad

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



C19441



00B1B9



C483D4

# Complementary

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



C19441



416EC1

# 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.



8795EE



C19441



00AEDF

# Square

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



C19441



00B18B



00A4F3



E677AB

# Rectangle

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



C19441



76A955



00A4F3



B389DF

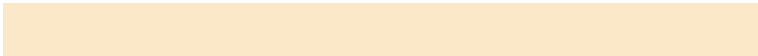


# Sweetspot

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



C19441



FAE8C8



C14170



7D725F



FCFCFC



7D7D7D



# Same Dimension

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



C19441



FAB432



B0C141



615D57



A16800



211500



# Inverse Universe

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



416EC1



3278FA



5241C1



575B61



0038A1



000C21



# Previews

## White Background



This preview shows how the Hex color C19441 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 C19441 Background



This preview shows how black text looks on a background with the Hex color C19441.



This preview shows how white text looks on a background with the Hex color C19441.

# 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**  
C19441

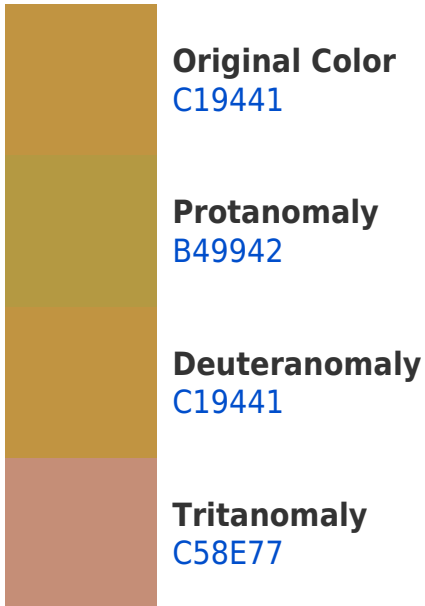
**Protanopia**  
AD9C43

**Deuteranopia**  
C19441

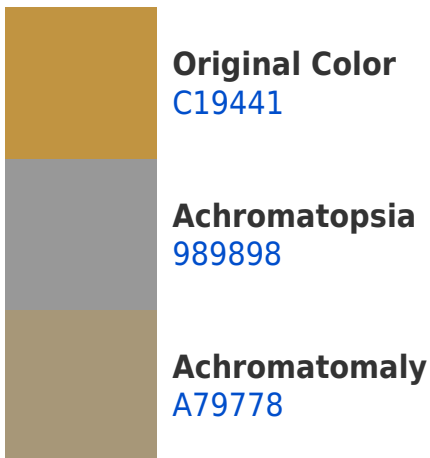


**Tritanopia**  
C78B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C19441 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 #C19441 looks like.

```
.text, #text, p{  
    color:#C19441  
}
```

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 #C19441 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C19441
}
```

## Border

The CSS property to change the border of an element to Hex C19441 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
#C19441 }
```

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

```
.border{ border-color:#C19441 }
```

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

Here you see how a box with a 4 pixel #C19441 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C19441; -webkit-box-shadow:4px 4px  
4px 4px #C19441; box-shadow:4px 4px 4px  
4px #C19441 }
```

# Background

The CSS property to change the background color of an element to Hex C19441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C19441 }
```

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

```
.background{ background-color:#C19441 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor