

# Converting Colors

Hex(C18522)

Have a look what the booklet for  
Hex(C18522) contains.

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**Color**

**Hex(C18522)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C18522
RGB	193, 133, 34
RGB Percent	76%, 52%, 13%
CMY	0.2431, 0.4784, 0.8667
CMYK	0.00, 0.31, 0.82, 0.24
HSL	37°, 70%, 45%
HSV	37°, 82%, 76%
XYZ	30.6686, 28.2280, 5.3455
YIQ	139.6540, 67.5390, -18.0690

# Conversions

## Conversions Part 2

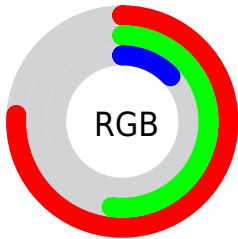
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">130, 193, 34</a>
Decimal	<a href="#">12682530</a>
<a href="#">CIELab</a>	<a href="#">60.09, 14.95, 57.96</a>
<a href="#">CIElCh</a>	<a href="#">60, 59.861, 75.537</a>
<a href="#">Yxy</a>	<a href="#">28.2280, 0.4774, 0.4394</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4290872610 (0xFFC18522)</a>
<a href="#">YUV</a>	<a href="#">139.6540, -52.0874, 46.7844</a>
<a href="#">Hunter-Lab</a>	<a href="#">53.1300, 10.0591, 31.2257</a>

# Details

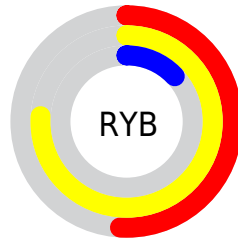
The Hex color **C18522** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **225EC1**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FEBA58**, and **865400** is the 20% darker color. If you saturate the color by 10%, you get **C17E0F**, and if you desaturate by 10%, it is **C18C35**.

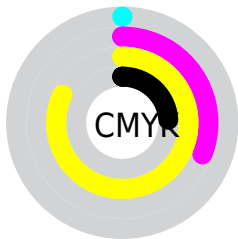
# Distribution



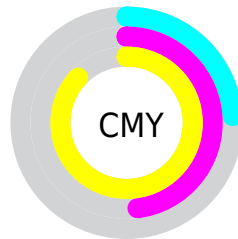
- Red (76%)
- Green (52%)
- Blue (13%)



- Red (51%)
- Yellow (76%)
- Blue (13%)



- Cyan (0%)
- Magenta (31%)
- Yellow (82%)
- Black (24%)



- Cyan (24%)
- Magenta (48%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C18522 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 C18522 by changing the saturation by 10% instead.





C18522



C18522

FFFFFF



A36C00



FEBA58



865400



FFD672



6A3C00



FFF28D



4E2700



FFFFA9



331200



FFFFC5



1D0001



FFFFE1



000000

FFFFFFE



C18522



C18522

 C17E0F

 C18C35

 C17800

 C19449

 C19B5C

 C1A26F

 C1A983

 C1B196

 C1B8A9

 C1BFBC

 C1C7D0

# Harmonies

## Analogous

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



E36F47



C18522



92971D

# Triad

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



C18522



00AAAC



B677DB

# Complementary

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



C18522



225EC1

# 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.



5E8DF7



C18522



00A7DB

# Square

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



C18522



00A875



009EF7



E363AD

# Rectangle

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



C18522



6C9F34



009EF7



9F7FE7



# Sweetspot

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



C18522



FAE2BB



C1225F



7D6F57



FCFCFC



7D7D7D



# Same Dimension

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



C18522



FA9D02



AEC122



615D57



A16400



211500



# Inverse Universe

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



225EC1



0260FA



3522C1



575B61



003DA1



000D21



# Previews

## White Background



This preview shows how the Hex color C18522 looks on a white background.

## Color Contrast Check

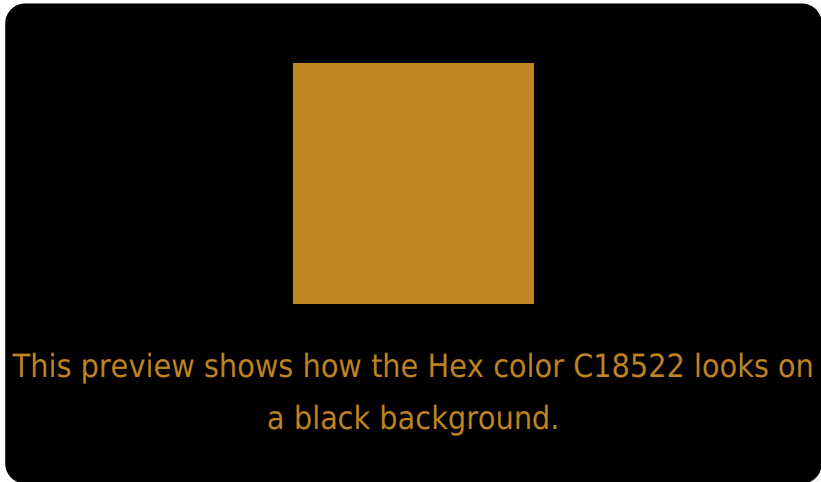
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C18522 Background



This preview shows how black text looks on a background with the Hex color C18522.



This preview shows how white text looks on a background with the Hex color C18522.

# 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**  
C18522

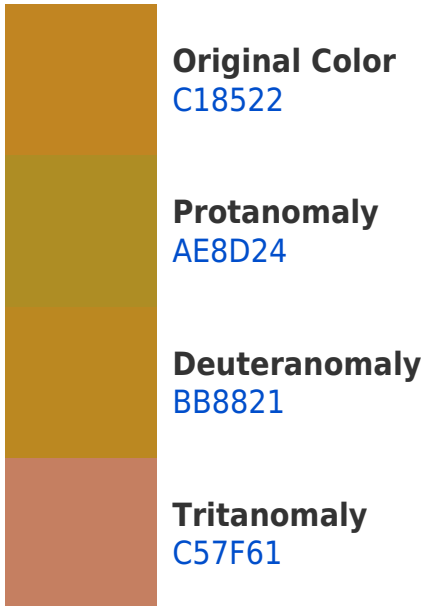
**Protanopia**  
A39225

**Deuteranopia**  
B78A20

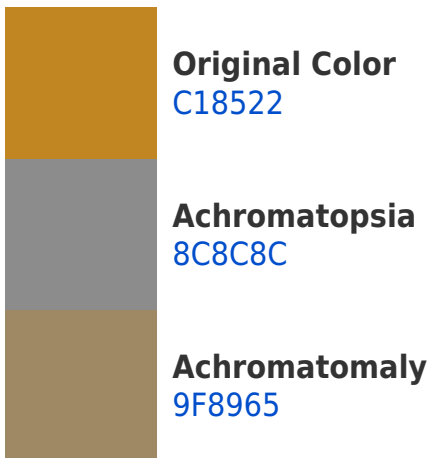


**Tritanopia**  
C77C85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C18522 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 #C18522 looks like.

```
.text, #text, p{  
    color:#C18522  
}
```

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 #C18522 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C18522
}
```

## Border

The CSS property to change the border of an element to Hex C18522 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
#C18522 }
```

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

```
.border{ border-color:#C18522 }
```

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

Here you see how a box with a 4 pixel #C18522 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C18522; -webkit-box-shadow:4px 4px  
4px 4px #C18522; box-shadow:4px 4px 4px  
4px #C18522 }
```

# Background

The CSS property to change the background color of an element to Hex C18522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C18522 }
```

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

```
.background{ background-color:#C18522 }
```

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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