

# Converting Colors

Hex(C18E00)

Have a look what the booklet for  
Hex(C18E00) contains.

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**Color**

**Hex(C18E00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C18E00
RGB	193, 142, 0
RGB Percent	76%, 56%, 0%
CMY	0.2431, 0.4431, 1.0000
CMYK	0.00, 0.26, 1.00, 0.24
HSL	44°, 100%, 38%
HSV	44°, 100%, 76%
XYZ	31.6653, 30.6835, 4.2536
YIQ	141.0610, 75.9780, -33.3500

# Conversions

## Conversions Part 2

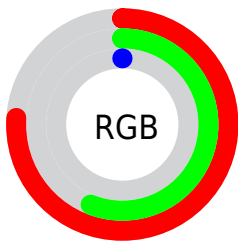
Format	Color
<a href="#">RYB</a>	<a href="#">69, 193, 0</a>
Decimal	<a href="#">12684800</a>
CIELab	<a href="#">62.24, 9.38, 67.03</a>
CIElCh	<a href="#">62, 67.687, 82.035</a>
Yxy	<a href="#">30.6835, 0.4754, 0.4607</a>
Android (android.graphics.Color)	<a href="#">4290874880 (0xFFC18E00)</a>
YUV	<a href="#">141.0610, -69.5431, 45.5505</a>
Hunter-Lab	<a href="#">55.3927, 5.1027, 34.2220</a>

# Details

The Hex color **C18E00** 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 **0033C1**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FEC348**, and **865C00** is the 20% darker color. If you saturate the color by 10%, you get **C18E00**, and if you desaturate by 10%, it is **C19313**.

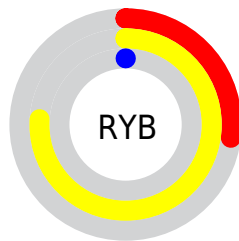
# Distribution



Red (76%)

Green (56%)

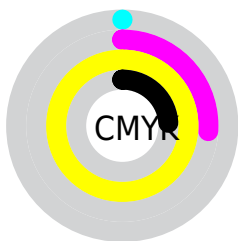
Blue (0%)



Red (27%)

Yellow (76%)

Blue (0%)

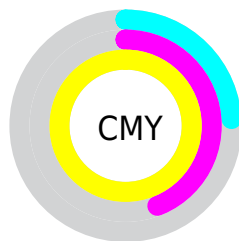


Cyan (0%)

Magenta (26%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (44%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C18E00 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 C18E00 by changing the saturation by 10% instead.



 C18E00

 C18E00

FFFFFF

 A37500

 FEC348

 865C00

 FFDF63

 694500

 FFFC7F

 4E2F00

 FFFF9B

 331A00

 FFFFFB7

 1B0000

 FFFFFD3

 000000

 FFFFFF1

 C18E00

 C19313

 C19827

 C19D3A

 C1A24D

 C1A861

 C1AD74

 C1B287

 C1B79A

 C1BCAE

# Harmonies

## Analogous

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



EB7537



C18E00



89A10E

# Triad

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



C18E00



00B2C2



CF72E1

# Complementary

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



C18E00



0033C1

# 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.



758DFF



C18E00



00AEF4

# Square

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



C18E00



00B184



00A2FF



FA5BA9

# Rectangle

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



C18E00



59A935



00A2FF



B87BF0

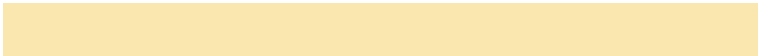


# Sweetspot

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



C18E00



FAE6AF



C10033



7D7150



FCFCFC



7D7D7D



# Same Dimension

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



C18E00



FAB800



94C100



615E57



A17600



211800



# Inverse Universe

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



0033C1



0042FA



2D00C1



575A61



002AA1

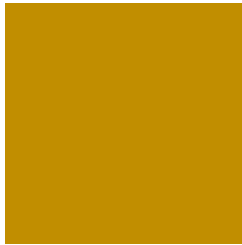


000921



# Previews

## White Background



This preview shows how the Hex color C18E00 looks on a white background.

## Color Contrast Check

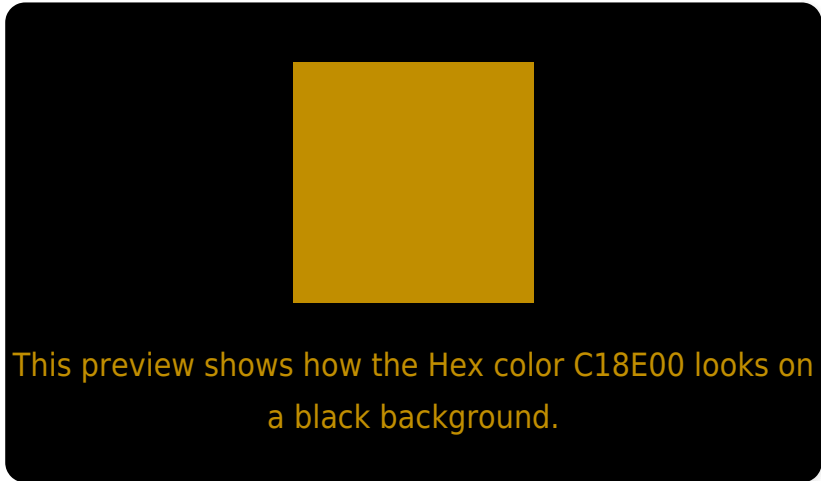
Large Text (above 18pt) WCAG AA × Fail

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 C18E00 Background



This preview shows how black text looks on a background with the Hex color C18E00.



This preview shows how white text looks on a background with the Hex color C18E00.

# 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**  
C18E00

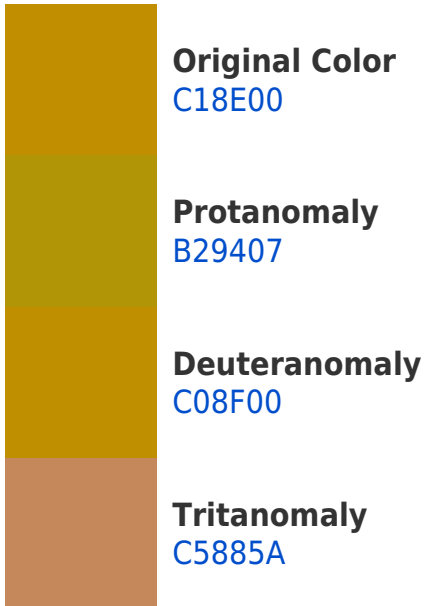
**Protanopia**  
AA970B

**Deuteranopia**  
BF8F00



**Tritanopia**  
C8848E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C18E00 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 #C18E00 looks like.

```
.text, #text, p{  
    color:#C18E00  
}
```

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 #C18E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C18E00
}
```

## Border

The CSS property to change the border of an element to Hex C18E00 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
#C18E00 }
```

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

```
.border{ border-color:#C18E00 }
```

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

Here you see how a box with a 4 pixel #C18E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C18E00; -webkit-box-shadow:4px 4px  
4px 4px #C18E00; box-shadow:4px 4px 4px  
4px #C18E00 }
```

# Background

The CSS property to change the background color of an element to Hex C18E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C18E00 }
```

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

```
.background{ background-color:#C18E00 }
```

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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