

# Converting Colors

Hex(D18E0E)

Have a look what the booklet for  
Hex(D18E0E) contains.

<b>Hex(D18E0E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(D18E0E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D18E0E
RGB	209, 142, 14
RGB Percent	82%, 56%, 5%
CMY	0.1804, 0.4431, 0.9451
CMYK	0.00, 0.32, 0.93, 0.18
HSL	39°, 87%, 44%
HSV	39°, 93%, 82%
XYZ	36.0468, 32.9330, 4.8723
YIQ	147.4410, 81.0200, -25.6040

# Conversions

## Conversions Part 2

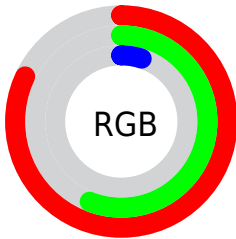
Format	Color
R <sub>Y</sub> B	116, 209, 14
Decimal	13733390
CIE Lab	64.11, 16.63, 67.11
CIE LCh	64, 69.140, 76.080
Yxy	32.9330, 0.4881, 0.4459
Android (android.graphics.Color)	4291923470 (0xFFD18E0E)
YUV	147.4410, -65.7864, 53.9872
Hunter-Lab	57.3873, 11.6937, 35.1373

# Details

The Hex color **D18E0E** 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 **0E51D1**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFC44E**, and **955C00** is the 20% darker color. If you saturate the color by 10%, you get **D18900**, and if you desaturate by 10%, it is **D19523**.

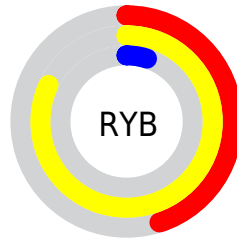
# Distribution



Red (82%)

Green (56%)

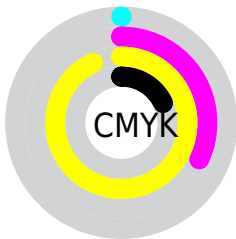
Blue (5%)



Red (45%)

Yellow (82%)

Blue (5%)

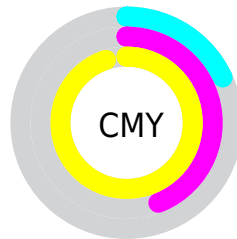


Cyan (0%)

Magenta (32%)

Yellow (93%)

Black (18%)



Cyan (18%)

Magenta (44%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D18E0E 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 D18E0E by changing the saturation by 10% instead.



 D18E0E

 D18E0E

FFFFFF

 B37400

 FFC44E

 955C00

 FFDF69

 784400

 FFFC85

 5B2E00

 FFFFA0

 3F1900

 FFFFBC

 270100

 FFFFD9

 000000

 FFFFF6

 D18E0E

 D18E0E

■ D18900

■ D19523

■ D19C38

■ D1A44D

■ D1AB62

■ D1B277

■ D1B98B

■ D1C0A0

■ D1C7B5

■ D1CFCA

# Harmonies

## Analogous

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



F97444



D18E0E



9AA302

# Triad

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



D18E0E



00B8BC



C87BF2

# Complementary

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



D18E0E



0E51D1

# 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.



5B97FF



D18E0E



00B5F3

# Square

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



D18E0E



00B67C



00ABFF



FC62BB

# Rectangle

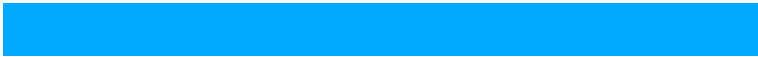
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D18E0E



6DAC2C



00ABFF



AD85FF



# Sweetspot

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



D18E0E



FFE6B8



D10E52



807154



000000



808080



# Same Dimension

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



D18E0E



FFA700



B4D10E



69655E



A86E00



291B00



# Inverse Universe

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



0E51D1



0058FF



2B0ED1



5E6269



003AA8



000E29



# Previews

## White Background



This preview shows how the Hex color D18E0E looks on a white background.

## Color Contrast Check

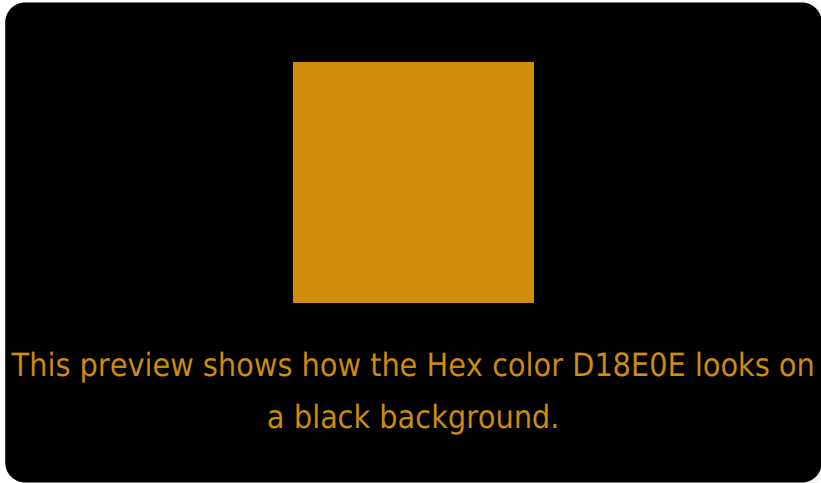
Large Text (above 18pt) WCAG AA × Fail

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 D18E0E Background



This preview shows how black text looks on a background with the Hex color D18E0E.



This preview shows how white text looks on a background with the Hex color D18E0E.

# 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**  
D18E0E

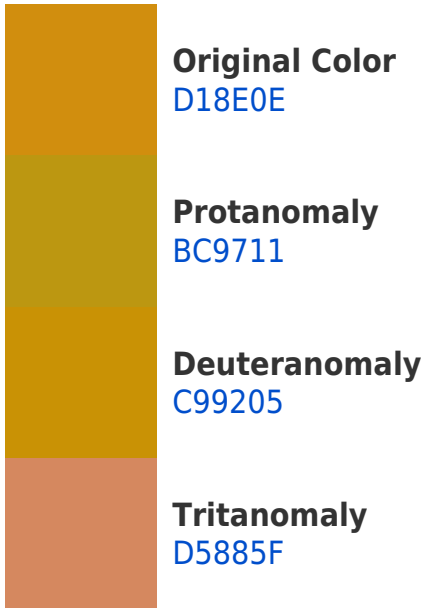
**Protanopia**  
B09C13

**Deuteranopia**  
C59400

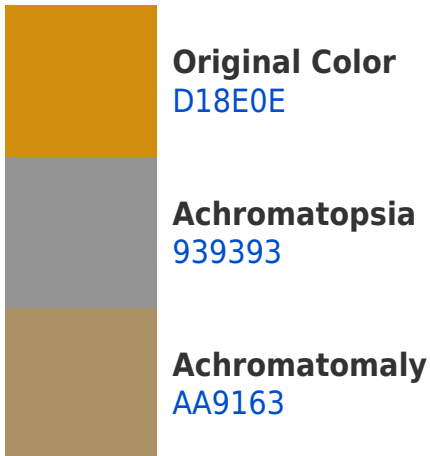


**Tritanopia**  
D7848E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D18E0E 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 #D18E0E looks like.

```
.text, #text, p{  
    color:#D18E0E  
}
```

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 #D18E0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D18E0E
}
```

## Border

The CSS property to change the border of an element to Hex D18E0E 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
#D18E0E }
```

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

```
.border{ border-color:#D18E0E }
```

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

Here you see how a box with a 4 pixel #D18E0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D18E0E; -webkit-box-shadow:4px 4px  
4px 4px #D18E0E; box-shadow:4px 4px 4px  
4px #D18E0E }
```

# Background

The CSS property to change the background color of an element to Hex D18E0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D18E0E }
```

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

```
.background{ background-color:#D18E0E }
```

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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