

# Converting Colors

Hex(D48107)

Have a look what the booklet for  
Hex(D48107) contains.

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**Color**

**Hex(D48107)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D48107
RGB	212, 129, 7
RGB Percent	83%, 51%, 3%
CMY	0.1686, 0.4941, 0.9725
CMYK	0.00, 0.39, 0.97, 0.17
HSL	36°, 94%, 43%
HSV	36°, 97%, 83%
XYZ	35.0400, 29.7129, 4.0894
YIQ	139.9090, 88.6300, -20.3460

# Conversions

## Conversions Part 2

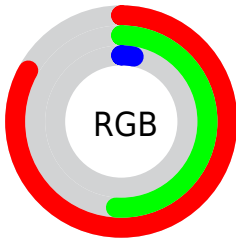
<b>Format</b>	<b>Color</b>
<b>RYB</b>	146, 212, 7
Decimal	13926663
CIELab	61.41, 24.87, 66.48
CIElCh	61, 70.981, 69.487
Yxy	29.7129, 0.5090, 0.4316
Android (android.graphics.Color)	4292116743 (0xFFD48107)
YUV	139.9090, -65.5241, 63.2238
Hunter-Lab	54.5095, 19.3522, 33.7087

# Details

The Hex color **D48107** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **075AD4**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FFB649**, and **974F00** is the 20% darker color. If you saturate the color by 10%, you get **D47E00**, and if you desaturate by 10%, it is **D48A1C**.

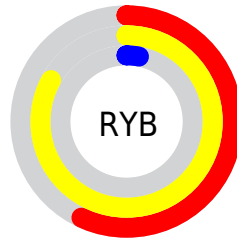
# Distribution



Red (83%)

Green (51%)

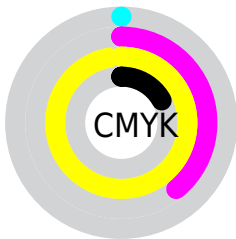
Blue (3%)



Red (57%)

Yellow (83%)

Blue (3%)

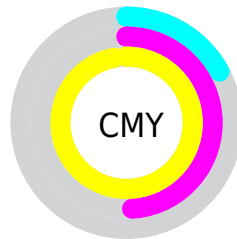


Cyan (0%)

Magenta (39%)

Yellow (97%)

Black (17%)



Cyan (17%)

Magenta (49%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D48107 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 D48107 by changing the saturation by 10% instead.



 D48107

 D48107

FFFFFF

 B56800

 FFB649

 974F00

 FFD264

 793800

 FFEE7F

 5C2100

 FFFF9B

 400B00

 FFFFB7

 290000

 FFFFD3

 000000

 FFFFF0

 D48107

 D48107

 D47E00

 D48A1C

 D49231

 D49B47

 D4A35C

 D4AC71

 D4B586

 D4BD9B

 D4C6B1

 D4CEC6

# Harmonies

## Analogous

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



F86547



D48107



9F9800

# Triad

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



D48107



00B1A7



AF7AF6

# Complementary

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



D48107



075AD4

# 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.



0095FF



D48107



00AFE3

# Square

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



D48107



00AE66



00A7FF



EE5CC2

# Rectangle

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



D48107



74A20C



00A7FF



8E84FF



# Sweetspot

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



D48107



FFE1B5



D4075C



806D53



000000



808080



# Same Dimension

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



D48107



FF9800



C3D407



6B6760



AB6600



2B1A00



# Inverse Universe

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



075AD4



0067FF



1807D4



60656B



0045AB



00122B



# Previews

## White Background



This preview shows how the Hex color D48107 looks on a white background.

## Color Contrast Check

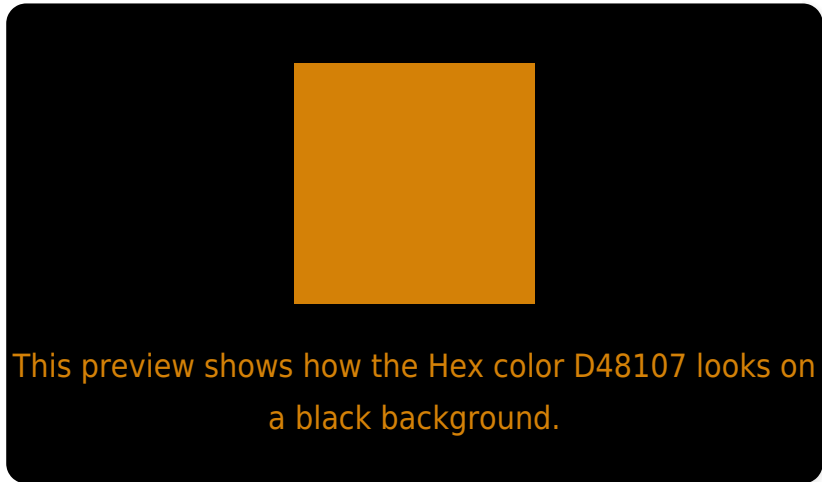
Large Text (above 18pt) WCAG AA ✓ Pass

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 D48107 Background



This preview shows how black text looks on a background with the Hex color D48107.



This preview shows how white text looks on a background with the Hex color D48107.

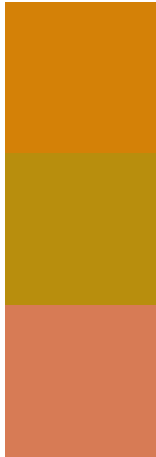
# Color Blindness Simulation

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



# Trichromacy



**Original Color**  
D48107

**Protanomaly**  
B88E0D

**Tritanomaly**  
D77B55

# Monochromacy



**Original Color**  
D48107

**Achromatopsia**  
8C8C8C

**Achromatomaly**  
A6885C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D48107 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 #D48107 looks like.

```
.text, #text, p{  
    color:#D48107  
}
```

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 #D48107 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D48107
}
```

## Border

The CSS property to change the border of an element to Hex D48107 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
#D48107 }
```

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

```
.border{ border-color:#D48107 }
```

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

Here you see how a box with a 4 pixel #D48107 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D48107; -webkit-box-shadow:4px 4px  
4px 4px #D48107; box-shadow:4px 4px 4px  
4px #D48107 }
```

# Background

The CSS property to change the background color of an element to Hex D48107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D48107 }
```

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

```
.background{ background-color:#D48107 }
```

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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