

Converting Colors

Hex(D48100)

Have a look what the booklet for
Hex(D48100) contains.

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Color

Hex(D48100)

Conversions

Conversions Part 1

Format	Color
Hex	D48100
RGB	212, 129, 0
RGB Percent	83%, 51%, 0%
CMY	0.1686, 0.4941, 1.0000
CMYK	0.00, 0.39, 1.00, 0.17
HSL	37°, 100%, 42%
HSV	37°, 100%, 83%
XYZ	35.0016, 29.6976, 3.8874
YIQ	139.1110, 90.8770, -22.5230

Conversions

Conversions Part 2

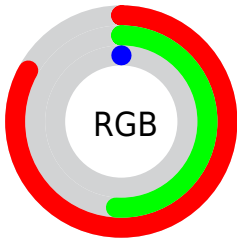
Format	Color
RYB	136, 212, 0
Decimal	13926656
CIELab	61.39, 24.80, 67.58
CIELCh	61, 71.986, 69.848
Yxy	29.6976, 0.5103, 0.4330
Android (android.graphics.Color)	4292116736 (0xFFD48100)
YUV	139.1110, -68.5817, 63.9237
Hunter-Lab	54.4955, 19.2808, 33.9174

Details

The Hex color **D48100** 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 **0053D4**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FFB646**, and **974F00** is the 20% darker color. If you saturate the color by 10%, you get **D48100**, and if you desaturate by 10%, it is **D48915**.

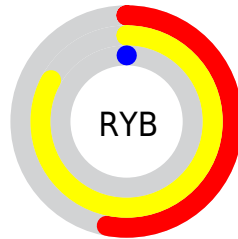
Distribution



Red (83%)

Green (51%)

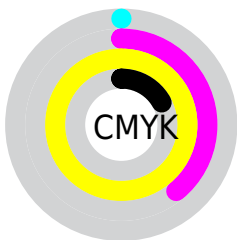
Blue (0%)



Red (53%)

Yellow (83%)

Blue (0%)

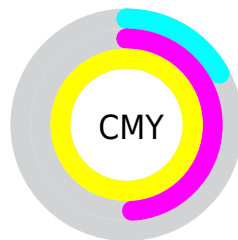


Cyan (0%)

Magenta (39%)

Yellow (100%)

Black (17%)



Cyan (17%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color D48100 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 D48100 by changing the saturation by 10% instead.

 D48100

 D48100

FFFFFF

 B56800

 FFB646

 974F00

 FFD262

 793800

 FFEE7D

 5C2100

 FFFF98

 400B00

 FFFFB4

 290000

 FFFFD1

 000000

 FFFFEE

 D48100

 D48915

 D4922A

 D49A40

 D4A255

 D4AB6A

 D4B37F

 D4BB94

 D4C3AA

 D4CCBF

Harmonies

Analogous

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



F96445



D48100



9E9800

Triad

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



D48100



00B1A8



B079F7

Complementary

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



D48100



0053D4

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



D48100



00AFE5

Square

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



D48100



00AE66



00A7FF



EF5BC2

Rectangle

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



D48100



72A307



00A7FF



8F83FF

Sweetspot

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



D48100



FFE1B3



D40055



806E52



000000



808080

Same Dimension

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



D48100



FF9B00



BFD400



6B6760



AB6800



2B1A00

Inverse Universe

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



0053D4



0064FF



1500D4



60656B



0043AB



00112B

Previews

White Background



This preview shows how the Hex color D48100 looks on a white background.

Color Contrast Check

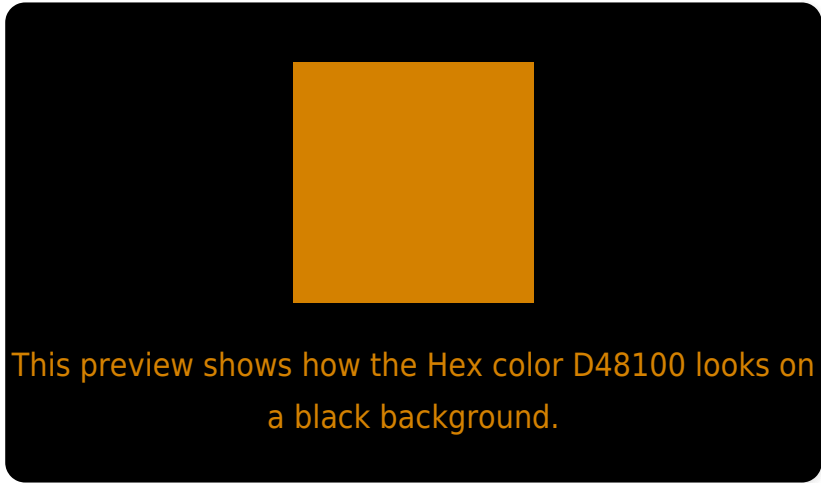
Large Text (above 18pt) WCAG AA ✓ Pass

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 D48100 Background



This preview shows how black text looks on a background with the Hex color D48100.



This preview shows how white text looks on a background with the Hex color D48100.

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
D48100

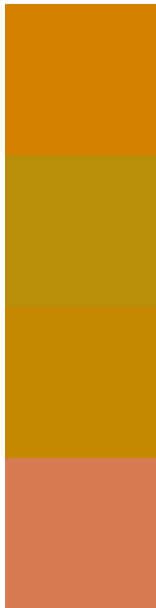
Protanopia
A89510

Deuteranopia
BC8D00



Tritanopia
D97881

Trichromacy



Original Color
D48100

Protanomaly
B88E0A

Deuteranomaly
C58900

Tritanomaly
D77B52

Monochromacy



Original Color
D48100

Achromatopsia
8B8B8B

Achromatomaly
A68758

CSS Examples

Text

The CSS property to change the color of the text to Hex D48100 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 #D48100 looks like.

```
.text, #text, p{  
    color:#D48100  
}
```

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 #D48100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D48100
}
```

Border

The CSS property to change the border of an element to Hex D48100 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
#D48100 }
```

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

```
.border{ border-color:#D48100 }
```

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

Here you see how a box with a 4 pixel #D48100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D48100; -webkit-box-shadow:4px 4px  
4px 4px #D48100; box-shadow:4px 4px 4px  
4px #D48100 }
```

Background

The CSS property to change the background color of an element to Hex D48100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D48100 }
```

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

```
.background{ background-color:#D48100 }
```

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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