

Converting Colors

Hex(D48012)

Have a look what the booklet for
Hex(D48012) contains.

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Color

Hex(D48012)

Conversions

Conversions Part 1

Format	Color
Hex	D48012
RGB	212, 128, 18
RGB Percent	83%, 50%, 7%
CMY	0.1686, 0.4980, 0.9294
CMYK	0.00, 0.40, 0.92, 0.17
HSL	34°, 84%, 45%
HSV	34°, 92%, 83%
XYZ	34.9797, 29.4791, 4.4187
YIQ	140.5760, 85.3740, -16.4020

Conversions

Conversions Part 2

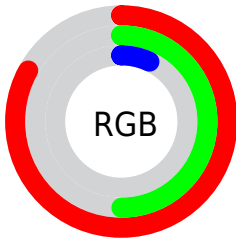
Format	Color
R_{YB}	166, 212, 18
Decimal	13926418
CIE _{Lab}	61.20, 25.55, 64.38
CIE _{LCh}	61, 69.261, 68.357
Yxy	29.4791, 0.5079, 0.4280
Android (android.graphics.Color)	4292116498 (0xFFD48012)
YUV	140.5760, -60.4300, 62.6388
Hunter-Lab	54.2946, 19.9844, 33.1810

Details

The Hex color **D48012** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **1266D4**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FFB54E**, and **974E00** is the 20% darker color. If you saturate the color by 10%, you get **D47800**, and if you desaturate by 10%, it is **D48927**.

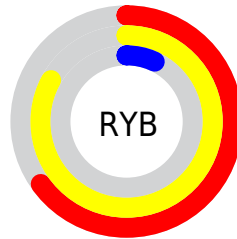
Distribution



Red (83%)

Green (50%)

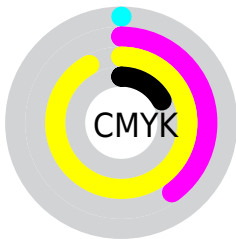
Blue (7%)



Red (65%)

Yellow (83%)

Blue (7%)

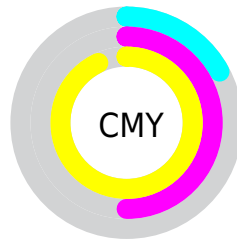


Cyan (0%)

Magenta (40%)

Yellow (92%)

Black (17%)



Cyan (17%)

Magenta (50%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color D48012 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 D48012 by changing the saturation by 10% instead.

 D48012

 D48012

FFFFFF

 B56700

 FFB54E

 974E00

 FFD168

 793700

 FFED83

 5C2000

 FFFF9F

 400900

 FFFFBB

 290000

 FFFFD7

 000000

 FFFFF5

 D48012

 D48012

■ D47800

■ D48927

■ D4923C

■ D49C52

■ D4A567

■ D4AE7C

■ D4B791

■ D4C0A6

■ D4C9BC

■ D4D3D1

Harmonies

Analogous

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



F7654B



D48012



A19600

Triad

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



D48012



00B0A4



AB7BF5

Complementary

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



D48012



1266D4

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



D48012



00AEDF

Square

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



D48012



00AD64



00A6FF



EA5FC2

Rectangle

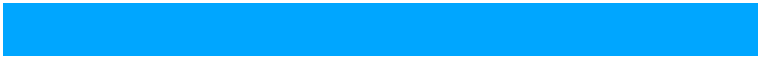
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D48012



77A110



00A6FF



8A85FF

Sweetspot

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



D48012



FFE1BA



D41266



806E57



000000



808080

Same Dimension

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



D48012



FF9100



C7D412



6B6660



AB6100



2B1900

Inverse Universe

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



1266D4



006EFF



1F12D4



60656B



004AAB



00132B

Previews

White Background



This preview shows how the Hex color D48012 looks on a white background.

Color Contrast Check

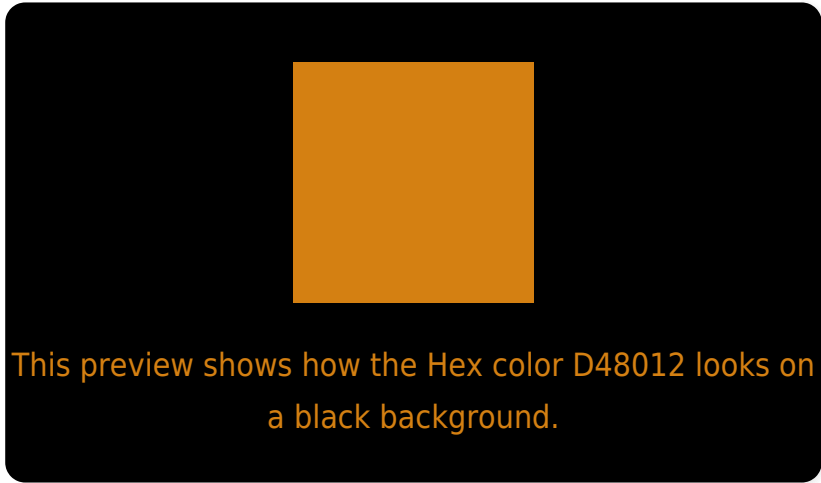
Large Text (above 18pt) WCAG AA ✓ Pass

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 D48012 Background



This preview shows how black text looks on a background with the Hex color D48012.



This preview shows how white text looks on a background with the Hex color D48012.

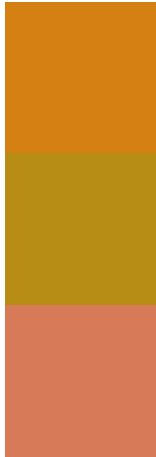
Color Blindness Simulation

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
D48012

Protanomaly
B78D16

Tritanomaly
D77A58

Monochromacy



Original Color
D48012

Achromatopsia
8D8D8D

Achromatomaly
A78860

CSS Examples

Text

The CSS property to change the color of the text to Hex D48012 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 #D48012 looks like.

```
.text, #text, p{  
    color:#D48012  
}
```

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 #D48012 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D48012
}
```

Border

The CSS property to change the border of an element to Hex D48012 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
#D48012 }
```

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

```
.border{ border-color:#D48012 }
```

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

Here you see how a box with a 4 pixel #D48012 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D48012; -webkit-box-shadow:4px 4px  
4px 4px #D48012; box-shadow:4px 4px 4px  
4px #D48012 }
```

Background

The CSS property to change the background color of an element to Hex D48012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D48012 }
```

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

```
.background{ background-color:#D48012 }
```

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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