

Converting Colors

Hex(D48500)

Have a look what the booklet for
Hex(D48500) contains.

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Color

Hex(D48500)

Conversions

Conversions Part 1

Format	Color
Hex	D48500
RGB	212, 133, 0
RGB Percent	83%, 52%, 0%
CMY	0.1686, 0.4784, 1.0000
CMYK	0.00, 0.37, 1.00, 0.17
HSL	38°, 100%, 42%
HSV	38°, 100%, 83%
XYZ	35.5389, 30.7721, 4.0665
YIQ	141.4590, 89.7770, -24.6150

Conversions

Conversions Part 2

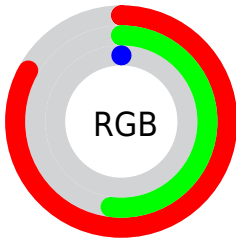
Format	Color
RYB	126, 212, 0
Decimal	13927680
CIELab	62.31, 22.65, 68.17
CIElCh	62, 71.837, 71.622
Yxy	30.7721, 0.5050, 0.4372
Android (android.graphics.Color)	4292117760 (0xFFD48500)
YUV	141.4590, -69.7393, 61.8645
Hunter-Lab	55.4726, 17.2802, 34.4845

Details

The Hex color **D48500** 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 **004FD4**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFBA47**, and **975300** is the 20% darker color. If you saturate the color by 10%, you get **D48500**, and if you desaturate by 10%, it is **D48D15**.

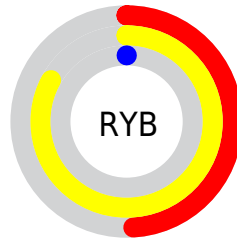
Distribution



Red (83%)

Green (52%)

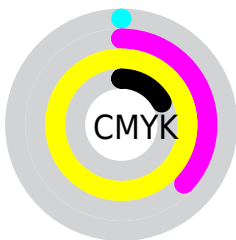
Blue (0%)



Red (49%)

Yellow (83%)

Blue (0%)

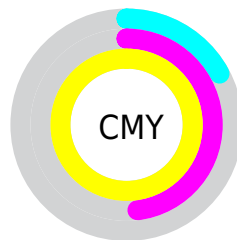


Cyan (0%)

Magenta (37%)

Yellow (100%)

Black (17%)



Cyan (17%)

Magenta (48%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color D48500 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 D48500 by changing the saturation by 10% instead.

 D48500

 D48500

FFFFFF

 B56C00

 FFBA47

 975300

 FFD663

 793C00

 FFF27E

 5C2500

 FFFF99

 410F00

 FFFFB6

 290000

 FFFFD2

 000000

 FFFFEE

 D48500

 D48D15

 D4952A

 D49D40

 D4A555

 D4AD6A

 D4B47F

 D4BC94

 D4C4AA

 D4CCBF

Harmonies

Analogous

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



FA6844



D48500



9E9C00

Triad

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



D48500



00B4AF



B87AF7

Complementary

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



D48500



004FD4

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.



1F96FF



D48500



00B2EA

Square

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



D48500



00B16C



00A9FF



F45CC0

Rectangle

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



D48500



71A613



00A9FF



9984FF

Sweetspot

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



D48500



FFE2B3



D40051



806E52



000000



808080

Same Dimension

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



D48500



FFA000



BBD400



6B6760



AB6B00



2B1B00

Inverse Universe

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



004FD4



005FFF



1900D4



60646B



0040AB



00102B

Previews

White Background



This preview shows how the Hex color D48500 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 D48500 Background



This preview shows how black text looks on a background with the Hex color D48500.



This preview shows how white text looks on a background with the Hex color D48500.

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
D48500

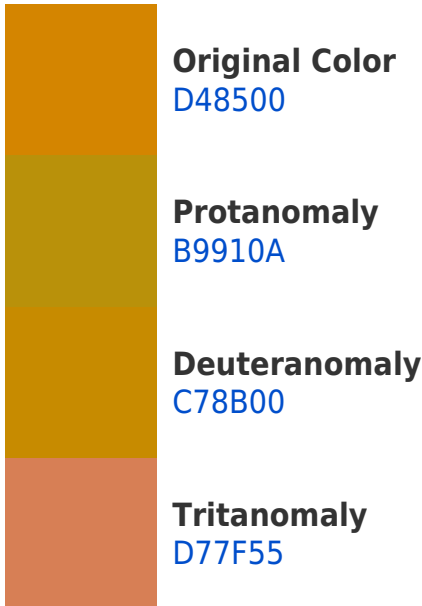
Protanopia
AA980F

Deuteranopia
BF8F00

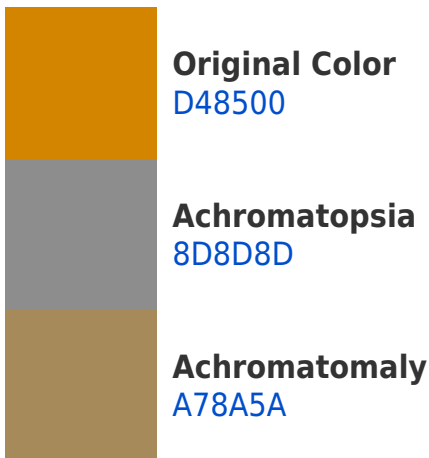


Tritanopia
D97C85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D48500 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 #D48500 looks like.

```
.text, #text, p{  
    color:#D48500  
}
```

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 #D48500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D48500
}
```

Border

The CSS property to change the border of an element to Hex D48500 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
#D48500 }
```

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

```
.border{ border-color:#D48500 }
```

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

Here you see how a box with a 4 pixel #D48500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D48500; -webkit-box-shadow:4px 4px  
4px 4px #D48500; box-shadow:4px 4px 4px  
4px #D48500 }
```

Background

The CSS property to change the background color of an element to Hex D48500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D48500 }
```

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

```
.background{ background-color:#D48500 }
```

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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