

Converting Colors

Hex(D4905D)

Have a look what the booklet for
Hex(D4905D) contains.

Hex(D4905D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D4905D)

Conversions

Conversions Part 1

Format	Color
Hex	D4905D
RGB	212, 144, 93
RGB Percent	83%, 56%, 36%
CMY	0.1686, 0.4353, 0.6353
CMYK	0.00, 0.32, 0.56, 0.17
HSL	26°, 58%, 60%
HSV	26°, 56%, 83%
XYZ	39.1004, 34.7339, 14.9994
YIQ	158.5180, 56.8990, -1.4450

Conversions

Conversions Part 2

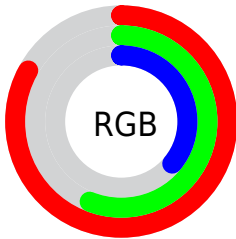
Format	Color
R _Y B	212, 182, 93
Decimal	13930589
CIE Lab	65.54, 20.39, 37.30
CIE LCh	66, 42.508, 61.329
Yxy	34.7339, 0.4402, 0.3910
Android (android.graphics.Color)	4292120669 (0xFFD4905D)
YUV	158.5180, -32.3004, 46.9037
Hunter-Lab	58.9355, 15.2878, 26.1652

Details

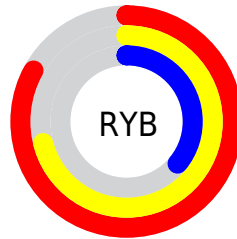
The Hex color **D4905D** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **5DA1D4**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFC690**, and **9A5D2D** is the 20% darker color. If you saturate the color by 10%, you get **D48448**, and if you desaturate by 10%, it is **D49C72**.

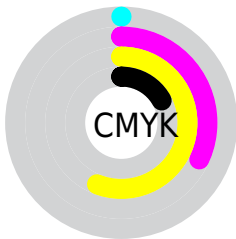
Distribution



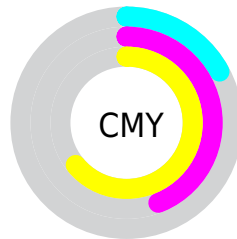
- Red (83%)
- Green (56%)
- Blue (36%)



- Red (83%)
- Yellow (71%)
- Blue (36%)



- Cyan (0%)
- Magenta (32%)
- Yellow (56%)
- Black (17%)



- Cyan (17%)
- Magenta (44%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color D4905D 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 D4905D by changing the saturation by 10% instead.

 D4905D

 D4905D

FFFFFF

 B77645

 FFC690

 9A5D2D

 FFE2AB

 7E4516

 FFFFC7

 622F00

 FFFF E3

 471900

 2D0300

 030000

 000000

 D4905D

 D4905D

 D48448

 D49C72

 D47833

 D4A887

 D46C1D

 D4B49D

 D46008

 D4C0B2

 D45B00

 D4CDC7

 D4D9DC

 D4E5F1

 D4F1FF

 D4FDFD

Harmonies

Analogous

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



E6847A



D4905D



B59E51

Triad

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



D4905D



01B3A0



A595E0

Complementary

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



D4905D



5DA1D4

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.



64A2EB



D4905D



00B2C6

Square

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



D4905D



5EB079



00ADE1



D087C4

Rectangle

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



D4905D



9CA556



00ADE1



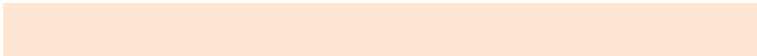
9299E6

Sweetspot

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



D4905D



FFE6D4



D45DA2



807166



000000



808080

Same Dimension

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



D4905D



FF9D54



D4CA5D



6B6560



AB4900



2B1300

Inverse Universe

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



5DA1D4



54B6FF



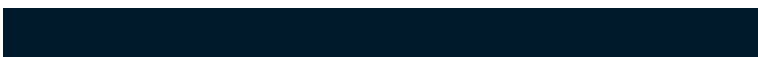
5D67D4



60676B



0062AB



00192B

Previews

White Background



This preview shows how the Hex color D4905D looks on a white background.

Color Contrast Check

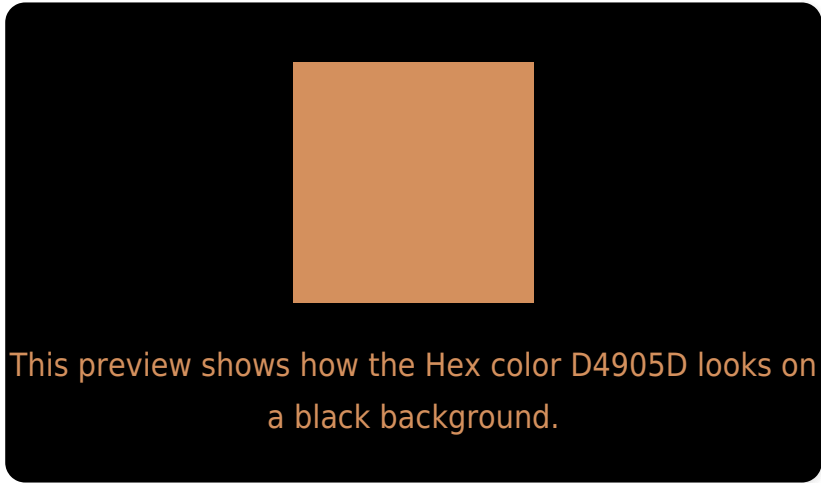
Large Text (above 18pt) WCAG AA × Fail

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

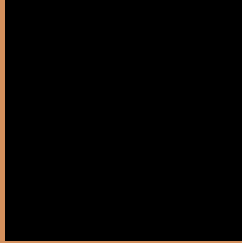
Any Text WCAG AA ✓ Pass

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 D4905D Background



This preview shows how black text looks on a background with the Hex color D4905D.

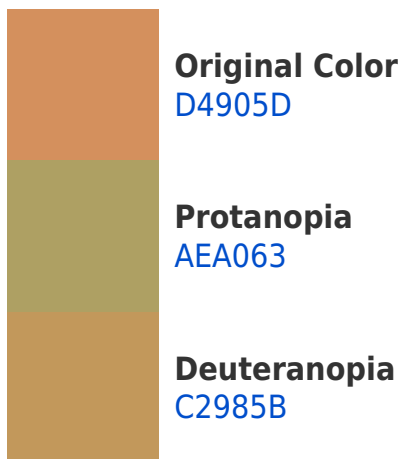


This preview shows how white text looks on a background with the Hex color D4905D.

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](#).

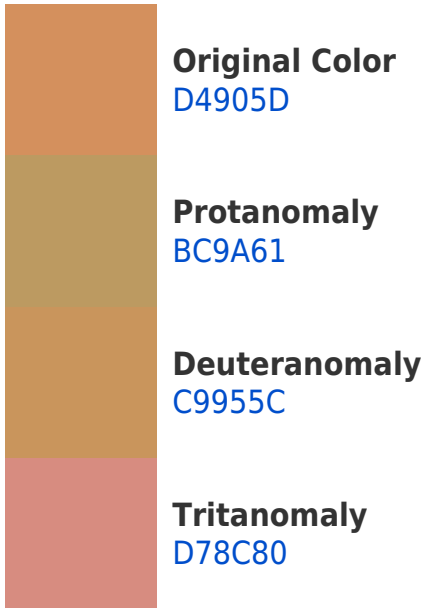
Dichromacy



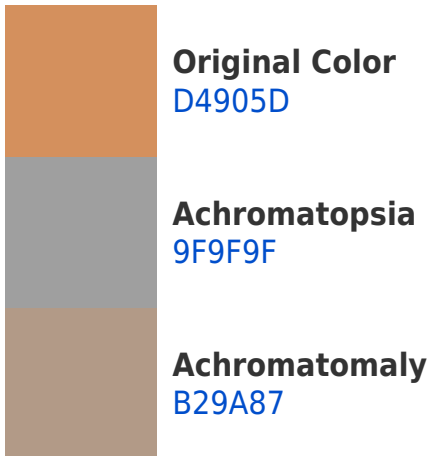


Tritanopia
D88994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D4905D 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 #D4905D looks like.

```
.text, #text, p{  
    color:#D4905D  
}
```

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 #D4905D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4905D
}
```

Border

The CSS property to change the border of an element to Hex D4905D 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
#D4905D }
```

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

```
.border{ border-color:#D4905D }
```

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

Here you see how a box with a 4 pixel #D4905D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4905D; -webkit-box-shadow:4px 4px  
4px 4px #D4905D; box-shadow:4px 4px 4px  
4px #D4905D }
```

Background

The CSS property to change the background color of an element to Hex D4905D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4905D }
```

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

```
.background{ background-color:#D4905D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor