

Converting Colors

Hex(D99606)

Have a look what the booklet for
Hex(D99606) contains.

Hex(D99606)	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(D99606)

Conversions

Conversions Part 1

Format	Color
Hex	D99606
RGB	217, 150, 6
RGB Percent	85%, 59%, 2%
CMY	0.1490, 0.4118, 0.9765
CMYK	0.00, 0.31, 0.97, 0.15
HSL	41°, 95%, 44%
HSV	41°, 97%, 85%
XYZ	39.5545, 36.5776, 5.1477
YIQ	153.6170, 86.1560, -30.5800

Conversions

Conversions Part 2

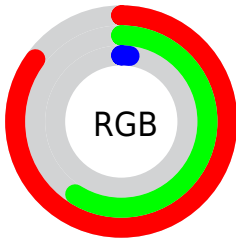
Format	Color
RYB	104, 217, 6
Decimal	14259718
CIELab	66.96, 15.72, 70.71
CIELCh	67, 72.440, 77.469
Yxy	36.5776, 0.4866, 0.4500
Android (android.graphics.Color)	4292449798 (0xFFD99606)
YUV	153.6170, -72.7752, 55.5869
Hunter-Lab	60.4794, 10.9030, 37.2891

Details

The Hex color **D99606** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **0649D9**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFCC4D**, and **9C6300** is the 20% darker color. If you saturate the color by 10%, you get **D99400**, and if you desaturate by 10%, it is **D99D1C**.

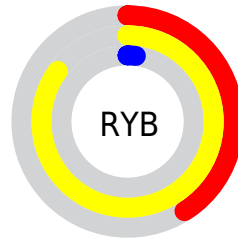
Distribution



Red (85%)

Green (59%)

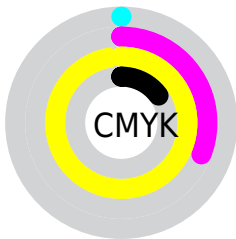
Blue (2%)



Red (41%)

Yellow (85%)

Blue (2%)

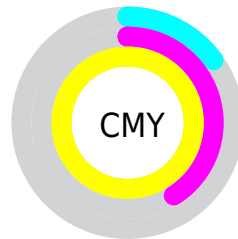


Cyan (0%)

Magenta (31%)

Yellow (97%)

Black (15%)



Cyan (15%)

Magenta (41%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color D99606 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 D99606 by changing the saturation by 10% instead.

 D99606

 D99606

FFFFFF

 BA7C00

 FFCC4D

 9C6300

 FFE869

 7F4C00

 FFFF84

 623500

 FFFFA0

 462000

 FFFFBD

 2C0B00

 FFFFD9

 070000

 FFFFF7

 000000

 D99606

 D99606

 D99400

 D99D1C

 D9A431

 D9AB47

 D9B25D

 D9B872

 D9BF88

 D9C69E

 D9CDB4

 D9D4C9

Harmonies

Analogous

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



FF7A44



D99606



9EAB00

Triad

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



D99606



00C1C8



D580FC

Complementary

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



D99606



0649D9

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.



679DFF



D99606



00BEFF

Square

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



D99606



00BF84



00B2FF



FF65C1

Rectangle

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



D99606



6EB52F



00B2FF



B98AFF

Sweetspot

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



D99606



FFE8B5



D9064C



807153



000000



808080

Same Dimension

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



D99606



FFAE00



B6D906



6E6A63



AD7600



2E1F00

Inverse Universe

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



0649D9



0051FF



2906D9



63666E



0037AD



000F2E

Previews

White Background



This preview shows how the Hex color D99606 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 D99606 Background



This preview shows how black text looks on a background with the Hex color D99606.



This preview shows how white text looks on a background with the Hex color D99606.

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
D99606

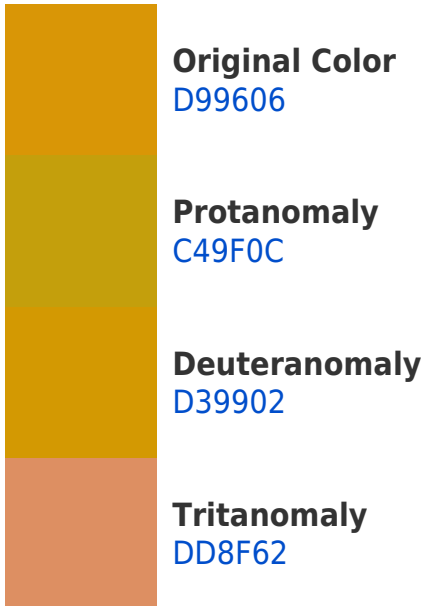
Protanopia
B8A40F

Deuteranopia
CF9B00

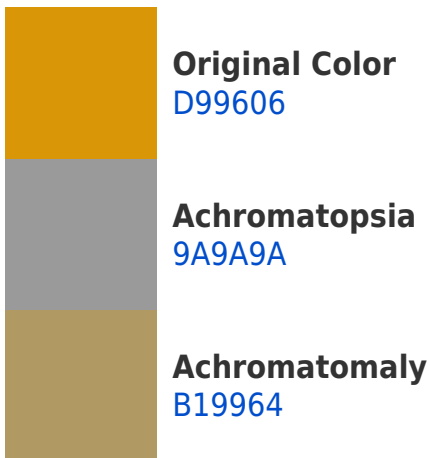


Tritanopia
E08B96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D99606 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 #D99606 looks like.

```
.text, #text, p{  
    color:#D99606  
}
```

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 #D99606 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D99606
}
```

Border

The CSS property to change the border of an element to Hex D99606 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
#D99606 }
```

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

```
.border{ border-color:#D99606 }
```

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

Here you see how a box with a 4 pixel #D99606 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D99606; -webkit-box-shadow:4px 4px  
4px 4px #D99606; box-shadow:4px 4px 4px  
4px #D99606 }
```

Background

The CSS property to change the background color of an element to Hex D99606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D99606 }
```

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

```
.background{ background-color:#D99606 }
```

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