

Converting Colors

Hex(D98D00)

Have a look what the booklet for
Hex(D98D00) contains.

| | |
|--|----|
| Hex(D98D00) | 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(D98D00)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D98D00 |
| RGB | 217, 141, 0 |
| RGB Percent | 85%, 55%, 0% |
| CMY | 0.1490, 0.4471, 1.0000 |
| CMYK | 0.00, 0.35, 1.00, 0.15 |
| HSL | 39°, 100%, 43% |
| HSV | 39°, 100%, 85% |
| XYZ | 38.1401, 33.8015, 4.5141 |
| YIQ | 147.6500, 90.5570, -27.7390 |

Conversions

Conversions Part 2

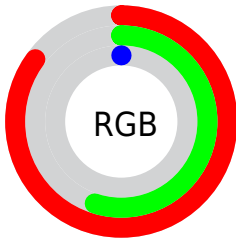
| Format | Color |
|-------------------------------------|--|
| RYB | 117, 217, 0 |
| Decimal | 14257408 |
| CIELab | 64.80, 20.50, 70.10 |
| CIElCh | 65, 73.034, 73.700 |
| Yxy | 33.8015, 0.4989, 0.4421 |
| Android (android.graphics.Color) | 4292447488 (0xFFD98D00) |
| YUV | 147.6500, -72.7914, 60.8200 |
| Hunter-Lab | 58.1390, 15.3556, 36.0938 |

Details

The Hex color **D98D00** 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 **004CD9**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFC349**, and **9C5B00** is the 20% darker color. If you saturate the color by 10%, you get **D98D00**, and if you desaturate by 10%, it is **D99516**.

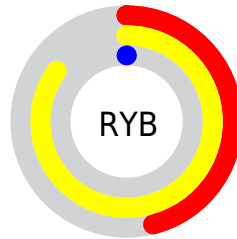
Distribution



Red (85%)

Green (55%)

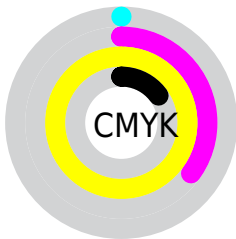
Blue (0%)



Red (46%)

Yellow (85%)

Blue (0%)

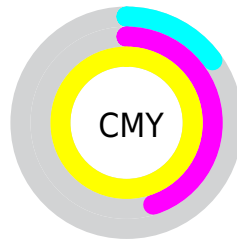


Cyan (0%)

Magenta (35%)

Yellow (100%)

Black (15%)



Cyan (15%)

Magenta (45%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color D98D00 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 D98D00 by changing the saturation by 10% instead.

 D98D00

 D98D00

FFFFFF

 BA7300

 FFC349

 9C5B00

 FFDF65

 7E4300

 FFFB80

 612D00

 FFFF9C

 451700

 FFFFB8

 2C0000

 FFFFD5

 000000

 FFFFF2

 D98D00

 D99516

 D99C2B

 D9A441

 D9AB57

 D9B36D

 D9BB82

 D9C298

 D9CAAE

 D9D1C3

Harmonies

Analogous

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



FF7045



D98D00



A0A300

Triad

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



D98D00



00BBBA



C57EFD

Complementary

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



D98D00



004CD9

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.



419BFF



D98D00



00B9F6

Square

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



D98D00



00B976



00AFFF



FF60C4

Rectangle

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



D98D00



71AE1E



00AFFF



A788FF

Sweetspot

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



D98D00



FFE4B3



D90050



806F52



000000



808080

Same Dimension

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



D98D00



FFA600



BCD900



6E6A63



AD7100



2E1E00

Inverse Universe

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



004CD9



0059FF



1D00D9



63676E



003DAD



00102E

Previews

White Background



This preview shows how the Hex color D98D00 looks on a white background.

Color Contrast Check

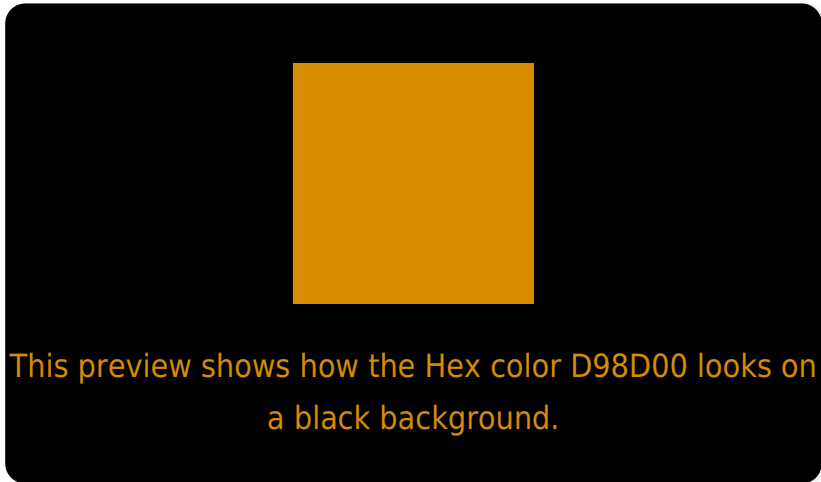
Large Text (above 18pt) WCAG AA × Fail

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 D98D00 Background



This preview shows how black text looks on a background with the Hex color D98D00.



This preview shows how white text looks on a background with the Hex color D98D00.

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
D98D00

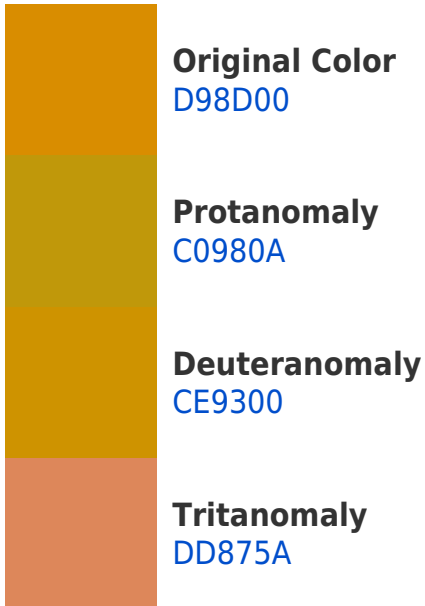
Protanopia
B29E0F

Deuteranopia
C79600



Tritanopia
DF838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D98D00 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 #D98D00 looks like.

```
.text, #text, p{  
    color:#D98D00  
}
```

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 #D98D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D98D00
}
```

Border

The CSS property to change the border of an element to Hex D98D00 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
#D98D00 }
```

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

```
.border{ border-color:#D98D00 }
```

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

Here you see how a box with a 4 pixel #D98D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D98D00; -webkit-box-shadow:4px 4px  
4px 4px #D98D00; box-shadow:4px 4px 4px  
4px #D98D00 }
```

Background

The CSS property to change the background color of an element to Hex D98D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D98D00 }
```

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

```
.background{ background-color:#D98D00 }
```

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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