

Converting Colors

Hex(D98001)

Have a look what the booklet for
Hex(D98001) contains.

Hex(D98001)	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(D98001)

Conversions

Conversions Part 1

Format	Color
Hex	D98001
RGB	217, 128, 1
RGB Percent	85%, 50%, 0%
CMY	0.1490, 0.4980, 0.9961
CMYK	0.00, 0.41, 1.00, 0.15
HSL	35°, 99%, 43%
HSV	35°, 100%, 85%
XYZ	36.3399, 30.1922, 3.9411
YIQ	140.1330, 93.8110, -20.6290

Conversions

Conversions Part 2

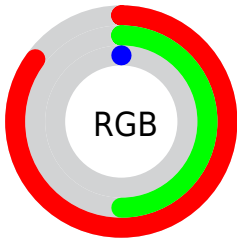
Format	Color
RYB	152, 217, 1
Decimal	14254081
CIELab	61.82, 27.47, 68.01
CIELCh	62, 73.351, 68.008
Yxy	30.1922, 0.5157, 0.4284
Android (android.graphics.Color)	4292444161 (0xFFD98001)
YUV	140.1330, -68.5926, 67.4124
Hunter-Lab	54.9475, 21.8942, 34.2107

Details

The Hex color **D98001** 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 **015AD9**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FFB547**, and **9C4E00** is the 20% darker color. If you saturate the color by 10%, you get **D98000**, and if you desaturate by 10%, it is **D98917**.

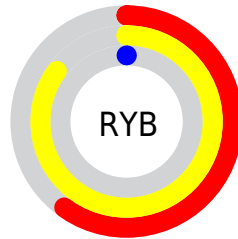
Distribution



Red (85%)

Green (50%)

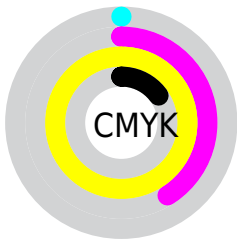
Blue (0%)



Red (60%)

Yellow (85%)

Blue (0%)

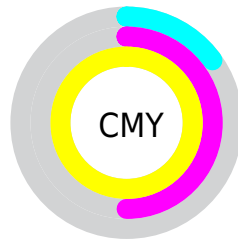


Cyan (0%)

Magenta (41%)

Yellow (100%)

Black (15%)



Cyan (15%)

Magenta (50%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color D98001 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 D98001 by changing the saturation by 10% instead.

 D98001

 D98001

FFFFFF

 BA6700

 FF547

 9C4E00

 FFD162

 7D3600

 FFED7D

 602000

 FFFF99

 440800

 FFFFB5

 2C0000

 FFFFD1

 000000

 FFFFEE

 D98001

 D98001

 D98000

 D98917

 D9922C

 D99B42

 D9A458

 D9AD6E

 D9B683

 D9BF99

 D9C8AF

 D9D0C4

Harmonies

Analogous

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



FD6248



D98001



A39800

Triad

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



D98001



00B3A6



AC7CFD

Complementary

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



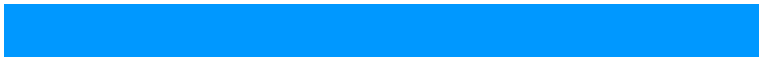
D98001



015AD9

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.



0098FF



D98001



00B1E4

Square

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



D98001



00B062



00A9FF



F05CC7

Rectangle

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



D98001



77A300



00A9FF



8986FF

Sweetspot

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



D98001



FFDFB3



D9015B



806D52



000000



808080

Same Dimension

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



D98001



FF9600



C7D901



6E6963



AD6600



2E1B00

Inverse Universe

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



015AD9



0069FF



1301D9



63676E



0047AD



00132E

Previews

White Background



This preview shows how the Hex color D98001 looks on a white background.

Color Contrast Check

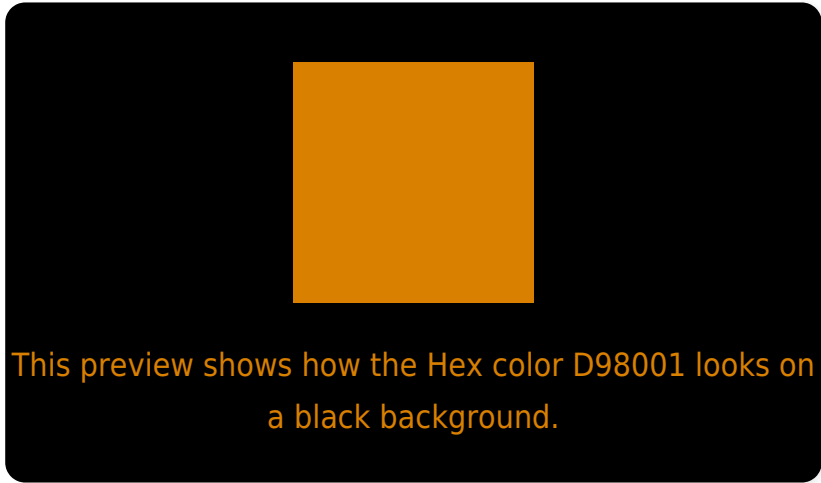
Large Text (above 18pt) WCAG AA × Fail

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 D98001 Background



This preview shows how black text looks on a background with the Hex color D98001.



This preview shows how white text looks on a background with the Hex color D98001.

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
D98001

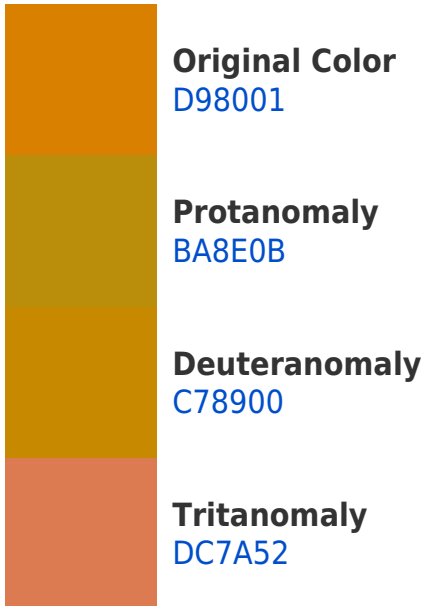
Protanopia
A99611

Deuteranopia
BD8E00



Tritanopia
DE7780

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D98001 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 #D98001 looks like.

```
.text, #text, p{  
    color:#D98001  
}
```

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 #D98001 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D98001
}
```

Border

The CSS property to change the border of an element to Hex D98001 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
#D98001 }
```

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

```
.border{ border-color:#D98001 }
```

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

Here you see how a box with a 4 pixel #D98001 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D98001; -webkit-box-shadow:4px 4px  
4px 4px #D98001; box-shadow:4px 4px 4px  
4px #D98001 }
```

Background

The CSS property to change the background color of an element to Hex D98001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D98001 }
```

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

```
.background{ background-color:#D98001 }
```

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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