

Converting Colors

Hex(D98326)

Have a look what the booklet for
Hex(D98326) contains.

Hex(D98326)	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(D98326)

Conversions

Conversions Part 1

Format	Color
Hex	D98326
RGB	217, 131, 38
RGB Percent	85%, 51%, 15%
CMY	0.1490, 0.4863, 0.8510
CMYK	0.00, 0.40, 0.82, 0.15
HSL	31°, 70%, 50%
HSV	31°, 82%, 85%
XYZ	37.0814, 31.1243, 5.8869
YIQ	146.1120, 81.1090, -10.6910

Conversions

Conversions Part 2

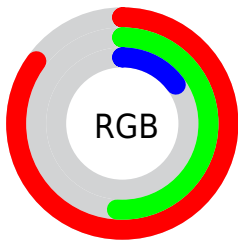
Format	Color
RYB	204, 217, 38
Decimal	14254886
CIELab	62.61, 26.50, 59.91
CIElCh	63, 65.513, 66.137
Yxy	31.1243, 0.5005, 0.4201
Android (android.graphics.Color)	4292444966 (0xFFD98326)
YUV	146.1120, -53.2992, 62.1688
Hunter-Lab	55.7891, 21.0129, 32.7961

Details

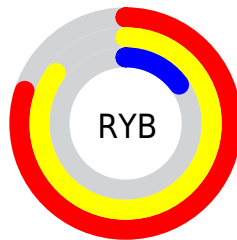
The Hex color **D98326** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **267CD9**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FFB85B**, and **9C5100** is the 20% darker color. If you saturate the color by 10%, you get **D97910**, and if you desaturate by 10%, it is **D98D3C**.

Distribution



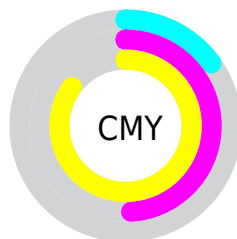
- Red (85%)
- Green (51%)
- Blue (15%)



- Red (80%)
- Yellow (85%)
- Blue (15%)



- Cyan (0%)
- Magenta (40%)
- Yellow (82%)
- Black (15%)



- Cyan (15%)
- Magenta (49%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color D98326 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 D98326 by changing the saturation by 10% instead.

 D98326

 D98326

FFFFFF

 BA6A02

 FFB85B

 9C5100

 FFD476

 7F3900

 FFF191

 612200

 FFFFAC

 450B00

 FFFFC9

 2C0000

 FFFF E5

 000000

 D98326

 D98326

 D97910

 D98D3C

 D97100

 D99851

 D9A267

 D9AD7D

 D9B793

 D9C2A8

 D9CCBE

 D9D6D4

 D9E1E9

Harmonies

Analogous

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



F86B56



D98326



A99907

Triad

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



D98326



00B3A2



A883F6

Complementary

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



D98326



267CD9

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.



009AFF



D98326



00B1DB

Square

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



D98326



00AF66



00AAFF



E669C8

Rectangle

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



D98326



82A320



00AFFF



898BFF

Sweetspot

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



D98326



FFE0BF



D9267D



806D59



000000



808080

Same Dimension

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



D98326



FF8603



D6D926



6E6863



AD5A00



2E1800

Inverse Universe

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



267CD9



037CFF



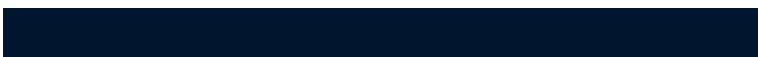
2926D9



63686E



0053AD



00162E

Previews

White Background



This preview shows how the Hex color D98326 looks on a white background.

Color Contrast Check

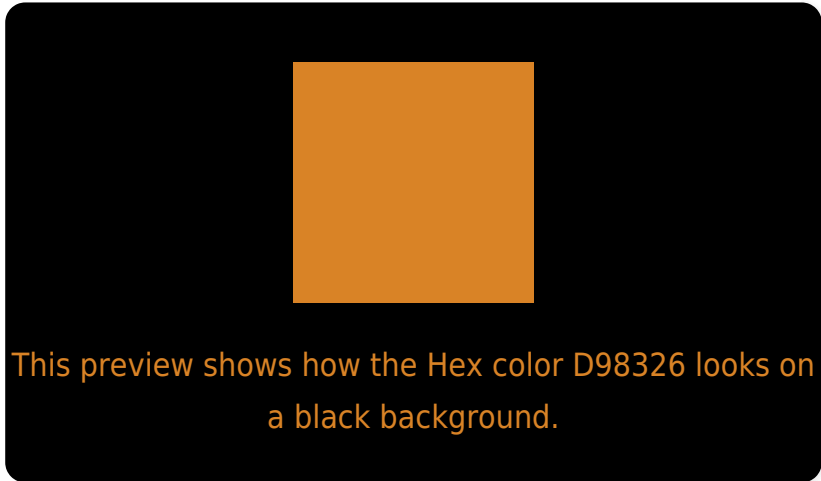
Large Text (above 18pt) WCAG AA × Fail

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 D98326 Background



This preview shows how black text looks on a background with the Hex color D98326.



This preview shows how white text looks on a background with the Hex color D98326.

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
D98326

Protanopia
AA982B

Deuteranopia
BF9020



Tritanopia
DE7A83

Trichromacy



Original Color
D98326

Protanomaly
BB9029

Deuteranomaly
C88B22

Tritanomaly
DC7D61

Monochromacy



Original Color
D98326

Achromatopsia
929292

Achromatomaly
AC8D6B

CSS Examples

Text

The CSS property to change the color of the text to Hex D98326 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 #D98326 looks like.

```
.text, #text, p{  
    color:#D98326  
}
```

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 #D98326 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D98326
}
```

Border

The CSS property to change the border of an element to Hex D98326 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
#D98326 }
```

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

```
.border{ border-color:#D98326 }
```

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

Here you see how a box with a 4 pixel #D98326 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D98326; -webkit-box-shadow:4px 4px  
4px 4px #D98326; box-shadow:4px 4px 4px  
4px #D98326 }
```

Background

The CSS property to change the background color of an element to Hex D98326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D98326 }
```

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

```
.background{ background-color:#D98326 }
```

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