

# Converting Colors

Hex(D98E00)

Have a look what the booklet for  
Hex(D98E00) contains.

<b>Hex(D98E00)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(D98E00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D98E00
RGB	217, 142, 0
RGB Percent	85%, 56%, 0%
CMY	0.1490, 0.4431, 1.0000
CMYK	0.00, 0.35, 1.00, 0.15
HSL	39°, 100%, 43%
HSV	39°, 100%, 85%
XYZ	38.2883, 34.0977, 4.5635
YIQ	148.2370, 90.2820, -28.2620

# Conversions

## Conversions Part 2

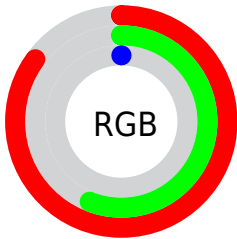
Format	Color
<a href="#">RYB</a>	<a href="#">115, 217, 0</a>
Decimal	<a href="#">14257664</a>
CIELab	<a href="#">65.04, 19.96, 70.25</a>
CIELCh	<a href="#">65, 73.033, 74.138</a>
Yxy	<a href="#">34.0977, 0.4976, 0.4431</a>
Android (android.graphics.Color)	<a href="#">4292447744 (0xFFD98E00)</a>
YUV	<a href="#">148.2370, -73.0808, 60.3052</a>
Hunter-Lab	<a href="#">58.3932, 14.8537, 36.2417</a>

# Details

The Hex color **D98E00** 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 **004BD9**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FFC449**, and **9C5C00** is the 20% darker color. If you saturate the color by 10%, you get **D98E00**, and if you desaturate by 10%, it is **D99516**.

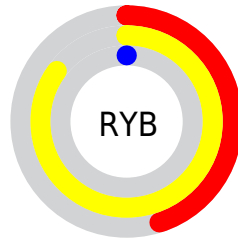
# Distribution



Red (85%)

Green (56%)

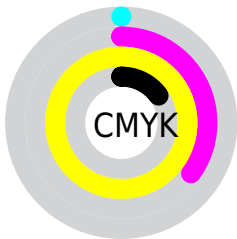
Blue (0%)



Red (45%)

Yellow (85%)

Blue (0%)

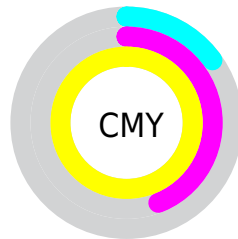


Cyan (0%)

Magenta (35%)

Yellow (100%)

Black (15%)



Cyan (15%)

Magenta (44%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D98E00 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 D98E00 by changing the saturation by 10% instead.



 D98E00

 D98E00

FFFFFF

 BA7400

 FFC449

 9C5C00

 FFE065

 7E4400

 FFFC80

 612E00


 FFFF9C

 451800

 FFFFB8

 2C0200

 FFFFD5

 000000

 FFFFF2

 D98E00

 D99516

 D99D2B

 D9A441

 D9AC57

 D9B46D

 D9BB82

 D9C398

 D9CAAE

 D9D2C3

# Harmonies

## Analogous

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



FF7145



D98E00



A0A400

# Triad

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



D98E00



00BCBC



C77EFD

# Complementary

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



D98E00



004BD9

# 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.



469BFF



D98E00



00B9F8

# Square

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



D98E00



00BA78



00AFFF



FF61C3

# Rectangle

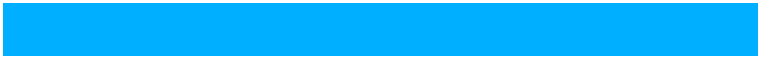
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D98E00



71AF20



00AFFF



A988FF



# Sweetspot

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



D98E00



FFE5B3



D9004C



807052



000000



808080



# Same Dimension

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



D98E00



FFA700



B8D900



6E6A63



AD7100



2E1E00



# Inverse Universe

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



004BD9



0058FF



2100D9



63666E



003CAD

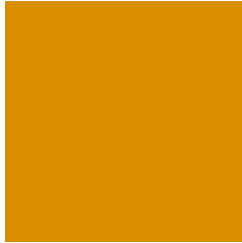


00102E



# Previews

## White Background



This preview shows how the Hex color D98E00 looks on a white background.

## Color Contrast Check

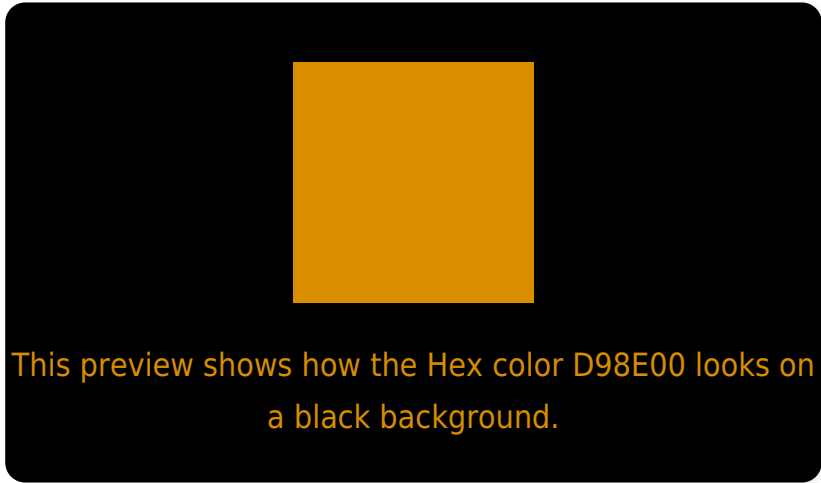
Large Text (above 18pt) WCAG AA × Fail

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 D98E00 Background



This preview shows how black text looks on a background with the Hex color D98E00.



This preview shows how white text looks on a background with the Hex color D98E00.

# 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](#).

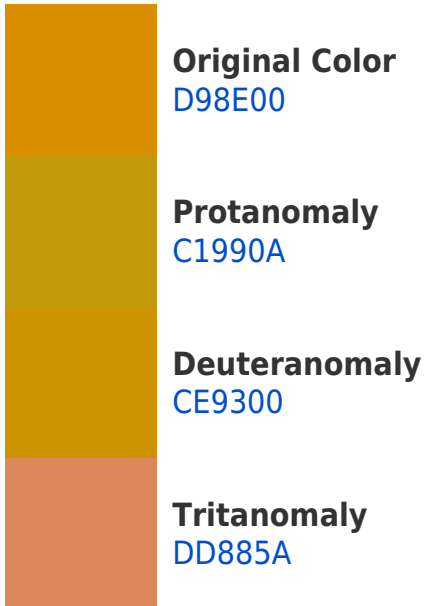
## Dichromacy



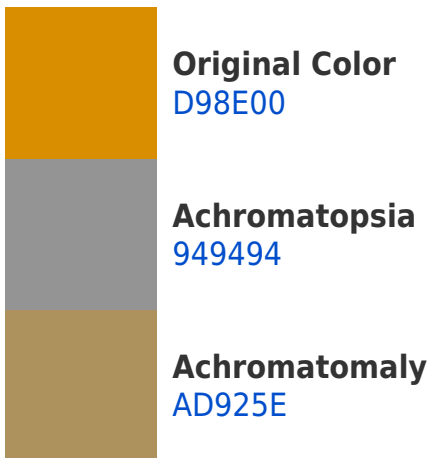


**Tritanopia**  
DF848E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D98E00 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 #D98E00 looks like.

```
.text, #text, p{  
    color:#D98E00  
}
```

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 #D98E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D98E00
}
```

## Border

The CSS property to change the border of an element to Hex D98E00 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
#D98E00 }
```

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

```
.border{ border-color:#D98E00 }
```

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

Here you see how a box with a 4 pixel #D98E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D98E00; -webkit-box-shadow:4px 4px  
4px 4px #D98E00; box-shadow:4px 4px 4px  
4px #D98E00 }
```

# Background

The CSS property to change the background color of an element to Hex D98E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D98E00 }
```

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

```
.background{ background-color:#D98E00 }
```

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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