

Converting Colors

Hex(C98600)

Have a look what the booklet for
Hex(C98600) contains.

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Color

Hex(C98600)

Conversions

Conversions Part 1

Format	Color
Hex	C98600
RGB	201, 134, 0
RGB Percent	79%, 53%, 0%
CMY	0.2118, 0.4745, 1.0000
CMYK	0.00, 0.33, 1.00, 0.21
HSL	40°, 100%, 39%
HSV	40°, 100%, 79%
XYZ	32.6125, 29.4677, 3.9690
YIQ	138.7570, 82.9460, -27.4700

Conversions

Conversions Part 2

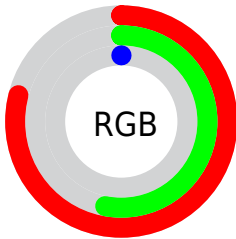
Format	Color
RYB	101, 201, 0
Decimal	13207040
CIELab	61.19, 17.32, 66.78
CIELCh	61, 68.985, 75.463
Yxy	29.4677, 0.4938, 0.4461
Android (android.graphics.Color)	4291397120 (0xFFC98600)
YUV	138.7570, -68.4072, 54.5871
Hunter-Lab	54.2842, 12.2408, 33.6639

Details

The Hex color **C98600** 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 **0043C9**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FFBB47**, and **8D5400** is the 20% darker color. If you saturate the color by 10%, you get **C98600**, and if you desaturate by 10%, it is **C98D14**.

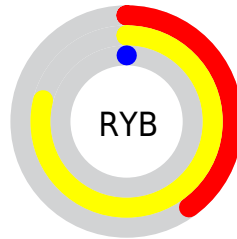
Distribution



Red (79%)

Green (53%)

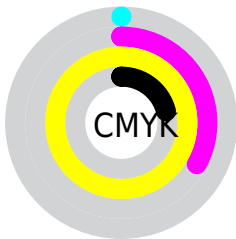
Blue (0%)



Red (40%)

Yellow (79%)

Blue (0%)

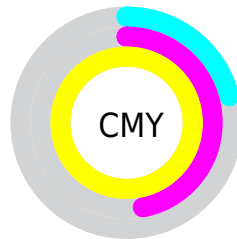


Cyan (0%)

Magenta (33%)

Yellow (100%)

Black (21%)



Cyan (21%)

Magenta (47%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C98600 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 C98600 by changing the saturation by 10% instead.

 C98600

 C98600

FFFFFF

 AB6D00

 FFBB47

 8D5400

 FFD762

 703D00

 FFF37D

 532700

 FFFF99

 381200

 FFFFFB5

 220000

 FFFFFD2

 000000

 FFFFFEF

 C98600

 C98D14

 C99328

 C99A3C

 C9A150

 C9A865

 C9AE79

 C9B58D

 C9BCA1

 C9C2B5

Harmonies

Analogous

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



F06B3E



C98600



939B00

Triad

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



C98600



00B0B2



BE74EA

Complementary

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



C98600



0043C9

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.



4D90FF



C98600



00ADEA

Square

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



C98600



00AE73



00A3FF



F25AB4

Rectangle

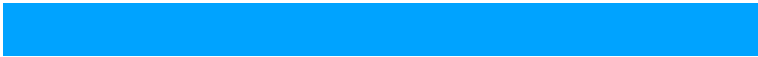
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C98600



66A422



00A3FF



A27EF8

Sweetspot

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



C98600



FFE6B3



C90043



807052



000000



808080

Same Dimension

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



C98600



FFAA00



A8C900



63605A



A36D00



241800

Inverse Universe

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



0043C9



0055FF



2100C9



5A5D63



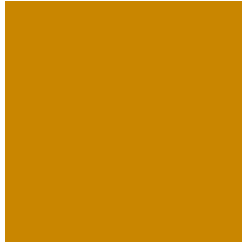
0036A3



000C24

Previews

White Background



This preview shows how the Hex color C98600 looks on a white background.

Color Contrast Check

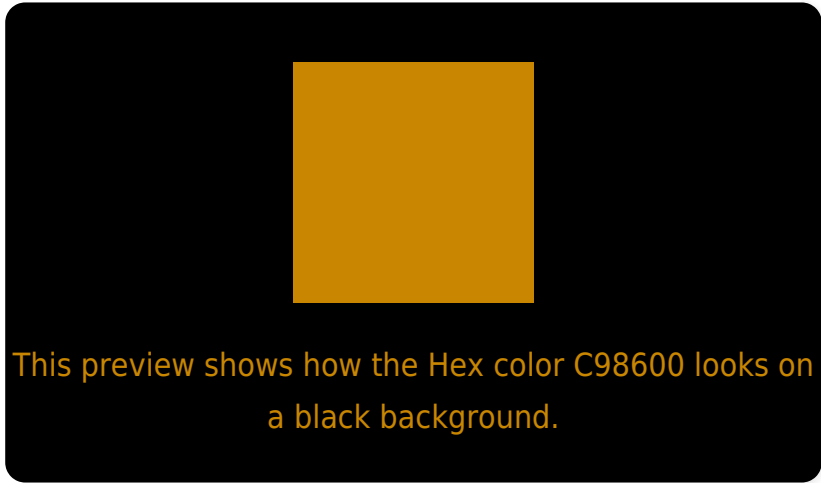
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex C98600 Background



This preview shows how black text looks on a background with the Hex color C98600.



This preview shows how white text looks on a background with the Hex color C98600.

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
C98600

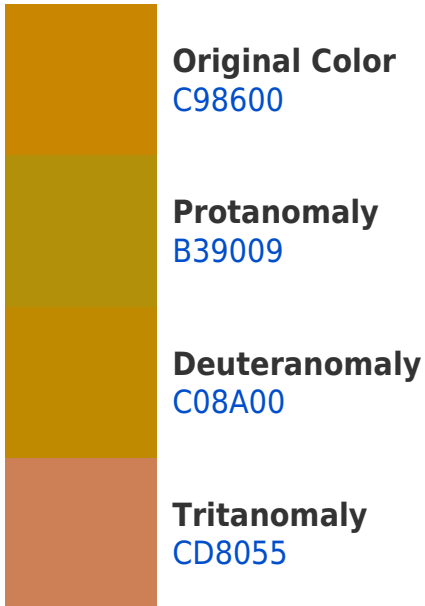
Protanopia
A7950E

Deuteranopia
BB8D00

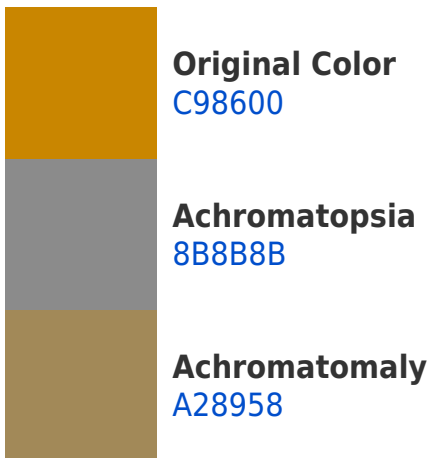


Tritanopia
CF7D86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C98600 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 #C98600 looks like.

```
.text, #text, p{  
    color:#C98600  
}
```

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 #C98600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C98600
}
```

Border

The CSS property to change the border of an element to Hex C98600 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
#C98600 }
```

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

```
.border{ border-color:#C98600 }
```

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

Here you see how a box with a 4 pixel #C98600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C98600; -webkit-box-shadow:4px 4px  
4px 4px #C98600; box-shadow:4px 4px 4px  
4px #C98600 }
```

Background

The CSS property to change the background color of an element to Hex C98600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C98600 }
```

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

```
.background{ background-color:#C98600 }
```

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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