

Converting Colors

Hex(CC9658)

Have a look what the booklet for
Hex(CC9658) contains.

Hex(CC9658)	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(CC9658)

Conversions

Conversions Part 1

Format	Color
Hex	CC9658
RGB	204, 150, 88
RGB Percent	80%, 59%, 35%
CMY	0.2000, 0.4118, 0.6549
CMYK	0.00, 0.26, 0.57, 0.20
HSL	32°, 53%, 57%
HSV	32°, 57%, 80%
XYZ	37.5696, 35.3546, 14.0765
YIQ	159.0780, 52.0860, -7.8340

Conversions

Conversions Part 2

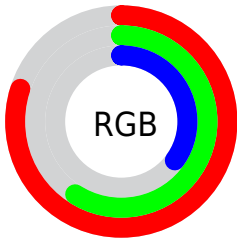
Format	Color
RYB	189, 204, 88
Decimal	13407832
CIELab	66.02, 13.40, 40.29
CIElCh	66, 42.460, 71.610
Yxy	35.3546, 0.4318, 0.4064
Android (android.graphics.Color)	4291597912 (0xFFCC9658)
YUV	159.0780, -35.0415, 39.3966
Hunter-Lab	59.4598, 8.7306, 27.5855

Details

The Hex color **CC9658** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **588ECC**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFCC8B**, and **936328** is the 20% darker color. If you saturate the color by 10%, you get **CC8D44**, and if you desaturate by 10%, it is **CC9F6C**.

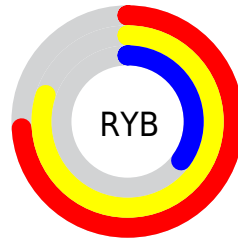
Distribution



Red (80%)

Green (59%)

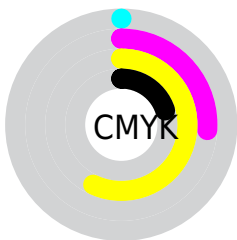
Blue (35%)



Red (74%)

Yellow (80%)

Blue (35%)

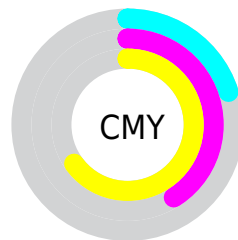


Cyan (0%)

Magenta (26%)

Yellow (57%)

Black (20%)



Cyan (20%)

Magenta (41%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC9658 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 CC9658 by changing the saturation by 10% instead.

 CC9658

 CC9658

FFFFFF

 AF7C3F

 FFCC8B

 936328

 FFE8A6

 774B0F

 FFFFC2

 5C3500

 FFFFDE

 411F00

 FFFFFB

 280A00

 000000

 CC9658

 CC9658

 CC8D44

 CC9F6C

 CC832F

 CCA981

 CC7A1B

 CCB295

 CC7006

 CCBCAA

 CC6D00

 CCC5BE

 CCCFD2

 CCD8E7

 CCE2FB

 CCEBFF

Harmonies

Analogous

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



E38970



CC9658



AAA354

Triad

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



CC9658



00B4AE



B791DA

Complementary

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



CC9658



588ECC

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.



7E9FEB



CC9658



00B2D2

Square

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



CC9658



4CB387



26ABE8



DB85B9

Rectangle

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



CC9658



8FAA5E



26ABE8



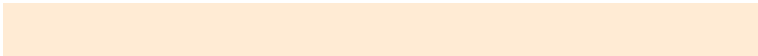
A796E1

Sweetspot

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



CC9658



FFEBD4



CC588E



807466



000000



808080

Same Dimension

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



CC9658



FFAE52



C8CC58



66615C



A65900



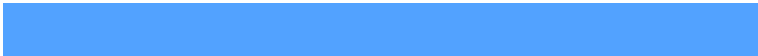
261400

Inverse Universe

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



588ECC



52A2FF



5C58CC



5C6166



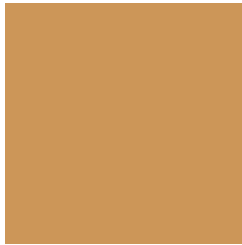
004DA6



001226

Previews

White Background



This preview shows how the Hex color CC9658 looks on a white background.

Color Contrast Check

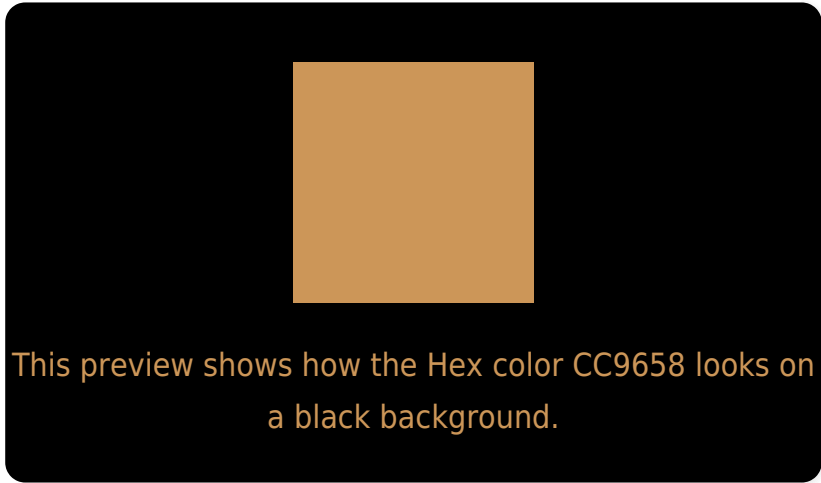
Large Text (above 18pt) WCAG AA × Fail

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

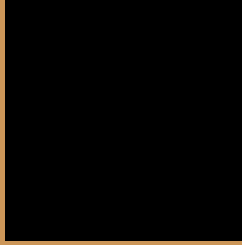
Any Text WCAG AA ✓ Pass

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 CC9658 Background



This preview shows how black text looks on a background with the Hex color CC9658.



This preview shows how white text looks on a background with the Hex color CC9658.

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
CC9658

Protanopia
B0A15C

Deuteranopia
C59957



Tritanopia
D18E99

Trichromacy



Original Color
CC9658

Protanomaly
BA9D5B

Deuteranomaly
C89857

Tritanomaly
CF9181

Monochromacy



Original Color
CC9658

Achromatopsia
9F9F9F

Achromatomaly
AF9C85

CSS Examples

Text

The CSS property to change the color of the text to Hex CC9658 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 #CC9658 looks like.

```
.text, #text, p{  
    color:#CC9658  
}
```

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 #CC9658 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC9658
}
```

Border

The CSS property to change the border of an element to Hex CC9658 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
#CC9658 }
```

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

```
.border{ border-color:#CC9658 }
```

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

Here you see how a box with a 4 pixel #CC9658 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC9658; -webkit-box-shadow:4px 4px  
4px 4px #CC9658; box-shadow:4px 4px 4px  
4px #CC9658 }
```

Background

The CSS property to change the background color of an element to Hex CC9658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC9658 }
```

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

```
.background{ background-color:#CC9658 }
```

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