

Converting Colors

Hex(CC946F)

Have a look what the booklet for
Hex(CC946F) contains.

Hex(CC946F)	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(CC946F)

Conversions

Conversions Part 1

Format	Color
Hex	CC946F
RGB	204, 148, 111
RGB Percent	80%, 58%, 44%
CMY	0.2000, 0.4196, 0.5647
CMYK	0.00, 0.27, 0.46, 0.20
HSL	24°, 48%, 62%
HSV	24°, 46%, 80%
XYZ	38.3610, 35.1649, 19.8046
YIQ	160.5260, 45.2530, 0.3650

Conversions

Conversions Part 2

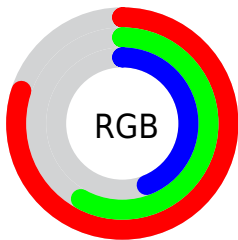
Format	Color
R_{YB}	204, 172, 111
Decimal	13407343
CIE _{Lab}	65.88, 16.59, 27.85
CIE _{LCh}	66, 32.415, 59.221
Yxy	35.1649, 0.4110, 0.3768
Android (android.graphics.Color)	4291597423 (0xFFCC946F)
YUV	160.5260, -24.4163, 38.1267
Hunter-Lab	59.3000, 11.6962, 21.7087

Details

The Hex color **CC946F** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6FA7CC**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFCAA3**, and **93613F** is the 20% darker color. If you saturate the color by 10%, you get **CC885B**, and if you desaturate by 10%, it is **CCA083**.

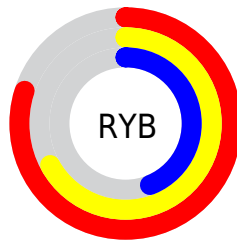
Distribution



Red (80%)

Green (58%)

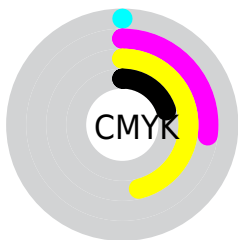
Blue (44%)



Red (80%)

Yellow (67%)

Blue (44%)

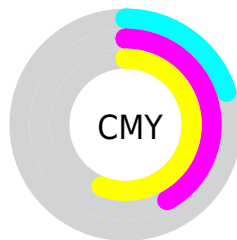


Cyan (0%)

Magenta (27%)

Yellow (46%)

Black (20%)



Cyan (20%)

Magenta (42%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC946F 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 CC946F by changing the saturation by 10% instead.

 CC946F

 CC946F

FFFFFF

 AF7A56

 FFCAA3

 93613F

 FFE6BE

 784928

 FFFFFDA

 5D3212

 FFFFF7

 441D00

 2A0700

 000000

 CC946F

 CC946F

 CC885B

 CCA083

 CC7B46

 CCAD98

 CC6F32

 CCB9AC

 CC631D

 CCC5C1

 CC5709

 CCD1D5

 CC5100

 CCDEE9

 CCEAFE

 CCF6FF

 CCFFFF

Harmonies

Analogous

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



D98C85



CC946F



B59E66

Triad

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



CC946F



51B09E



A399D3

Complementary

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



CC946F



6FA7CC

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.



77A3DA



CC946F



38AFBB

Square

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



CC946F



74AD81



4AABD1



C48FBE

Rectangle

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



CC946F



A1A468



4AABD1



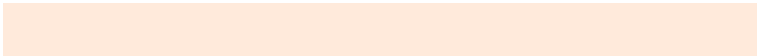
959CD7

Sweetspot

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



CC946F



FFEADB



CC6FA8



80726A



000000



808080

Same Dimension

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



CC946F



FFAB73



CCC16F



66605C



A64200



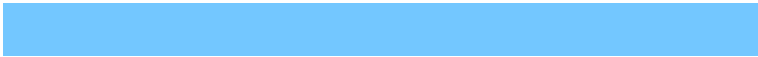
260F00

Inverse Universe

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



6FA7CC



73C7FF



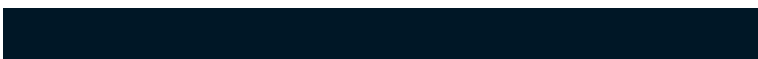
6F7ACC



5C6266



0064A6



001726

Previews

White Background



This preview shows how the Hex color CC946F looks on a white background.

Color Contrast Check

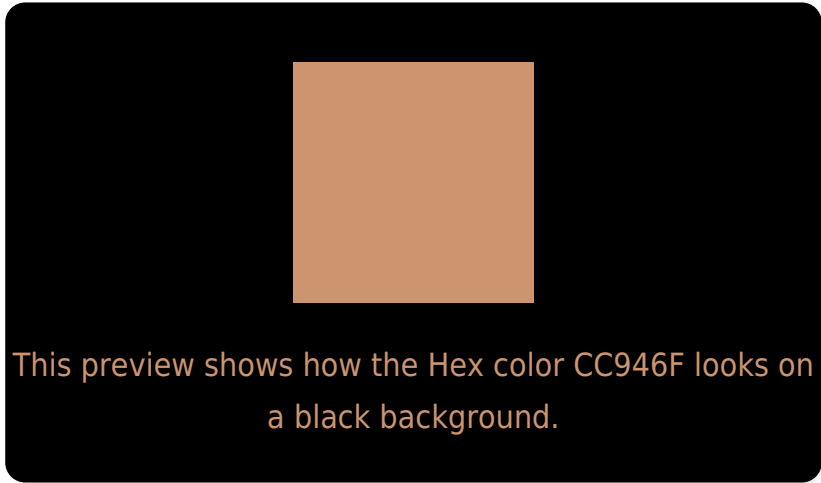
Large Text (above 18pt) WCAG AA × Fail

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

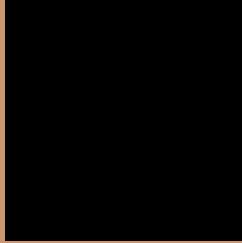
Any Text WCAG AA ✓ Pass

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 CC946F Background



This preview shows how black text looks on a background with the Hex color CC946F.



This preview shows how white text looks on a background with the Hex color CC946F.

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
CC946F

Protanopia
ACA074

Deuteranopia
C0996E



Tritanopia
D08E99

Trichromacy



Original Color
CC946F

Protanomaly
B89C72

Deuteranomaly
C4976E

Tritanomaly
CF908A

Monochromacy



Original Color
CC946F

Achromatopsia
A1A1A1

Achromatomaly
B19C8F

CSS Examples

Text

The CSS property to change the color of the text to Hex CC946F 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 #CC946F looks like.

```
.text, #text, p{  
    color:#CC946F  
}
```

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 #CC946F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC946F
}
```

Border

The CSS property to change the border of an element to Hex CC946F 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
#CC946F }
```

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

```
.border{ border-color:#CC946F }
```

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

Here you see how a box with a 4 pixel #CC946F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC946F; -webkit-box-shadow:4px 4px  
4px 4px #CC946F; box-shadow:4px 4px 4px  
4px #CC946F }
```

Background

The CSS property to change the background color of an element to Hex CC946F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC946F }
```

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

```
.background{ background-color:#CC946F }
```

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