

Converting Colors

Hex(F0C986)

Have a look what the booklet for
Hex(F0C986) contains.

Hex(F0C986)	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(F0C986)

Conversions

Conversions Part 1

Format	Color
Hex	F0C986
RGB	240, 201, 134
RGB Percent	94%, 79%, 53%
CMY	0.0588, 0.2118, 0.4745
CMYK	0.00, 0.16, 0.44, 0.06
HSL	38°, 78%, 73%
HSV	38°, 44%, 94%
XYZ	61.1249, 62.0198, 31.3036
YIQ	205.0230, 44.7510, -12.5690

Conversions

Conversions Part 2

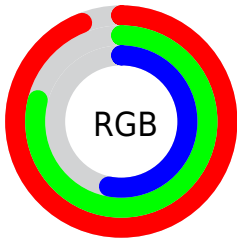
Format	Color
R _Y B	196, 240, 134
Decimal	15780230
CIE Lab	82.92, 5.19, 38.56
CIE LCh	83, 38.905, 82.340
Yxy	62.0198, 0.3958, 0.4016
Android (android.graphics.Color)	4293970310 (0xFFFF0C986)
YUV	205.0230, -35.0143, 30.6748
Hunter-Lab	78.7526, 0.7280, 31.5595

Details

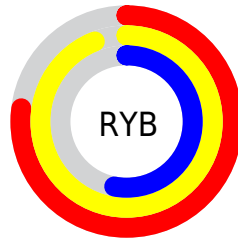
The Hex color **F0C986** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **86ADF0**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFBC**, and **B69353** is the 20% darker color. If you saturate the color by 10%, you get **F0C06E**, and if you desaturate by 10%, it is **F0D29E**.

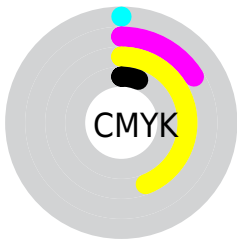
Distribution



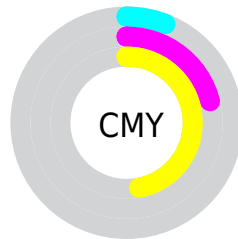
- Red (94%)
- Green (79%)
- Blue (53%)



- Red (77%)
- Yellow (94%)
- Blue (53%)



- Cyan (0%)
- Magenta (16%)
- Yellow (44%)
- Black (6%)



- Cyan (6%)
- Magenta (21%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color F0C986 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 F0C986 by changing the saturation by 10% instead.

 F0C986

 F0C986

FFFFFF

 D3AE6C

 FFFFBC

 B69353

 FFFFD8

 9A7A3B

 FFFFF5

 7F6123

 644909

 4A3300

 301E00

 180600

 000000

 F0C986

 F0C986

 F0C06E

 F0D29E

 F0B756

 F0DBB6

 F0AF3E

 F0E3CE

 F0A626

 F0ECE6

 F09D0E

 F0F5FE

 F09800

 F0FEFF

 F0FFFF

Harmonies

Analogous

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



FFBD96



F0C986



CBD58A

Triad

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



F0C986



50E2E9



F4BCFC

Complementary

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



F0C986



86ADF0

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.



C6C8FF



F0C986



59DEFF

Square

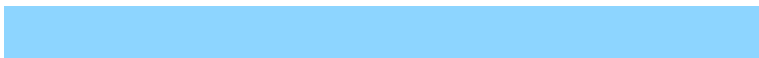
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F0C986



75E2C3



8DD5FF



FFB3D9

Rectangle

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



F0C986



B0DB97



8DD5FF



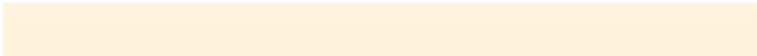
E6C0FF

Sweetspot

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



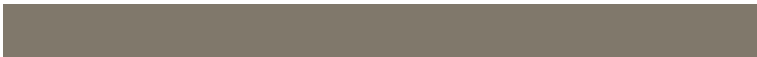
F0C986



FFF3DE



F086AF



80786B



000000



808080

Same Dimension

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



F0C986



FFCD78



E4F086



78736C



B87400



382300

Inverse Universe

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



86ADF0



78AAFF



9286F0



6C7078



0044B8



001538

Previews

White Background



This preview shows how the Hex color F0C986 looks on a white background.

Color Contrast Check

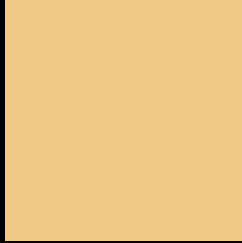
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color F0C986 looks on a 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 F0C986 Background



This preview shows how black text looks on a background with the Hex color F0C986.

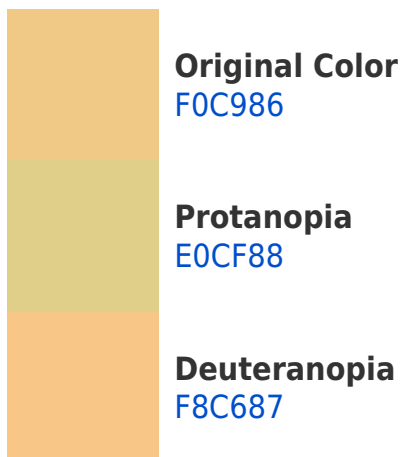


This preview shows how white text looks on a background with the Hex color F0C986.

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](#).

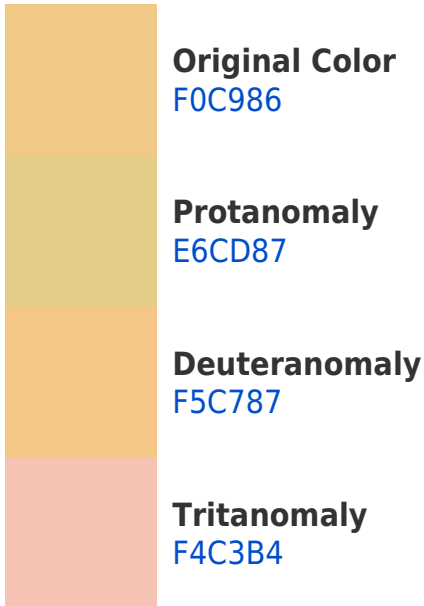
Dichromacy



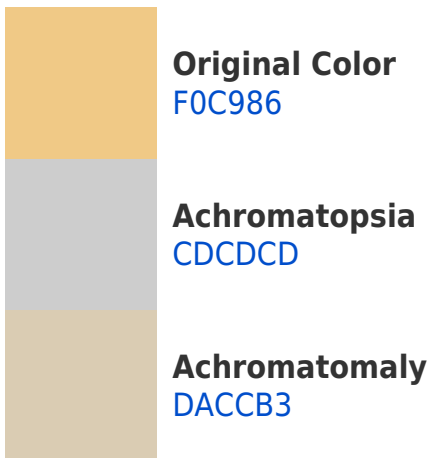


Tritanopia
F7C0CF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F0C986 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 #F0C986 looks like.

```
.text, #text, p{  
    color:#F0C986  
}
```

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 #F0C986 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0C986
}
```

Border

The CSS property to change the border of an element to Hex F0C986 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
#F0C986 }
```

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

```
.border{ border-color:#F0C986 }
```

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

Here you see how a box with a 4 pixel #F0C986 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0C986; -webkit-box-shadow:4px 4px  
4px 4px #F0C986; box-shadow:4px 4px 4px  
4px #F0C986 }
```

Background

The CSS property to change the background color of an element to Hex F0C986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0C986 }
```

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

```
.background{ background-color:#F0C986 }
```

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