

Converting Colors

Hex(CD986D)

Have a look what the booklet for
Hex(CD986D) contains.

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Color

Hex(CD986D)

Conversions

Conversions Part 1

Format	Color
Hex	CD986D
RGB	205, 152, 109
RGB Percent	80%, 60%, 43%
CMY	0.1961, 0.4039, 0.5725
CMYK	0.00, 0.26, 0.47, 0.20
HSL	27°, 49%, 62%
HSV	27°, 47%, 80%
XYZ	39.1654, 36.5397, 19.4566
YIQ	162.9450, 45.3910, -2.1370

Conversions

Conversions Part 2

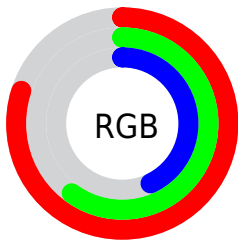
Format	Color
RYB	205, 187, 109
Decimal	13473901
CIELab	66.93, 14.61, 30.33
CIELCh	67, 33.669, 64.279
Yxy	36.5397, 0.4116, 0.3840
Android (android.graphics.Color)	4291663981 (0xFFCD986D)
YUV	162.9450, -26.5949, 36.8822
Hunter-Lab	60.4481, 9.8691, 23.2298

Details

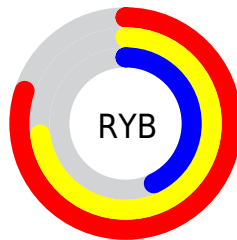
The Hex color **CD986D** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6DA2CD**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFCEA1**, and **94653D** is the 20% darker color. If you saturate the color by 10%, you get **CD8D59**, and if you desaturate by 10%, it is **CDA382**.

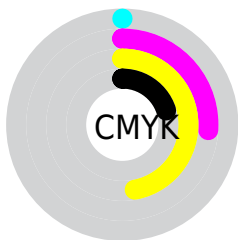
Distribution



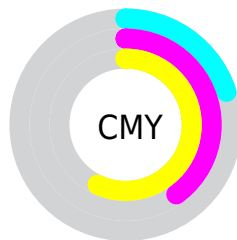
- Red (80%)
- Green (60%)
- Blue (43%)



- Red (80%)
- Yellow (73%)
- Blue (43%)



- Cyan (0%)
- Magenta (26%)
- Yellow (47%)
- Black (20%)



- Cyan (20%)
- Magenta (40%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD986D 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 CD986D by changing the saturation by 10% instead.

 CD986D

 CD986D

FFFFFF

 B07E54

 FFCEA1

 94653D

 FFEBBC

 794D26

 FFFFD8

 5E3610

 FFFFF5

 452000

 2B0C00

 040000

 000000

 CD986D

 CD986D

 CD8D59

 CDA382

 CD8144

 CDAF96

 CD762F

 CDBAAB

 CD6B1B

 CDC5BF

 CD5F06

 CDD1D4

 CD5C00

 CDDCE8

 CDE7FD

 CDF3FF

 CDFEFF

Harmonies

Analogous

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



DC8F82



CD986D



B3A266

Triad

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



CD986D



49B3A6



AC99D5

Complementary

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



CD986D



6DA2CD

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.



80A4DF



CD986D



33B2C4

Square

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



CD986D



6EB188



4FADD9



CD90BE

Rectangle

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



CD986D



9EA96B



4FADD9



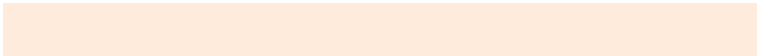
9E9DDA

Sweetspot

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



CD986D



FFEBDB



CD6DA3



80746A



000000



808080

Same Dimension

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



CD986D



FFB070



CDC76D



66605C



A64A00



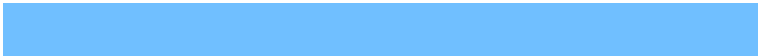
261100

Inverse Universe

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



6DA2CD



70BFFF



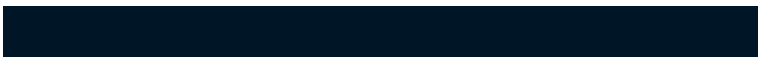
6D73CD



5C6166



005CA6



001526

Previews

White Background



This preview shows how the Hex color CD986D looks on a white background.

Color Contrast Check

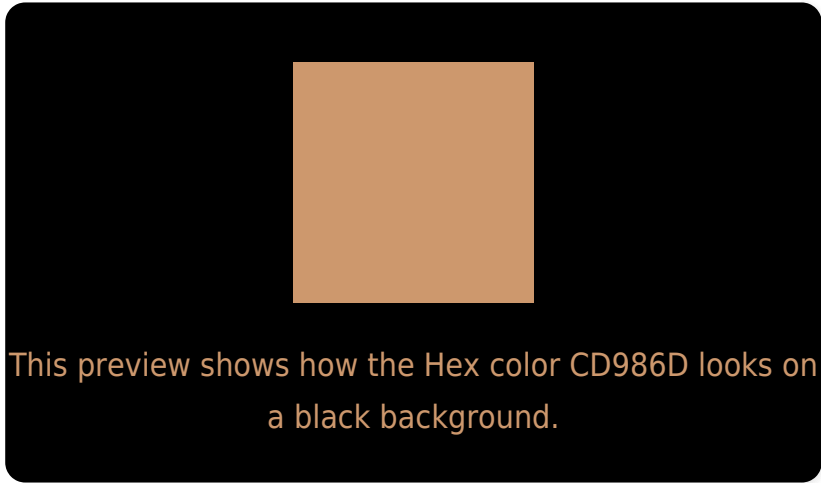
Large Text (above 18pt) WCAG AA × Fail

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

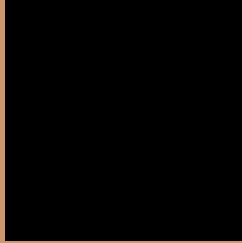
Any Text WCAG AA ✓ Pass

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 CD986D Background



This preview shows how black text looks on a background with the Hex color CD986D.




This preview shows how white text looks on a background with the Hex color CD986D.

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
D1929D

Trichromacy



Original Color
CD986D

Protanomaly
BB9F70

Deuteranomaly
C79B6C

Tritanomaly
D0948C

Monochromacy



Original Color
CD986D

Achromatopsia
A3A3A3

Achromatomaly
B29F8F

CSS Examples

Text

The CSS property to change the color of the text to Hex CD986D 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 #CD986D looks like.

```
.text, #text, p{  
    color:#CD986D  
}
```

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 #CD986D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD986D
}
```

Border

The CSS property to change the border of an element to Hex CD986D 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
#CD986D }
```

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

```
.border{ border-color:#CD986D }
```

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

Here you see how a box with a 4 pixel #CD986D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD986D; -webkit-box-shadow:4px 4px  
4px 4px #CD986D; box-shadow:4px 4px 4px  
4px #CD986D }
```

Background

The CSS property to change the background color of an element to Hex CD986D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD986D }
```

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

```
.background{ background-color:#CD986D }
```

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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