

Converting Colors

Hex(CA966D)

Have a look what the booklet for
Hex(CA966D) contains.

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Color

Hex(CA966D)

Conversions

Conversions Part 1

Format	Color
Hex	CA966D
RGB	202, 150, 109
RGB Percent	79%, 59%, 43%
CMY	0.2078, 0.4118, 0.5725
CMYK	0.00, 0.26, 0.46, 0.21
HSL	26°, 47%, 61%
HSV	26°, 46%, 79%
XYZ	38.0238, 35.4734, 19.3110
YIQ	160.8740, 44.1530, -1.7270

Conversions

Conversions Part 2

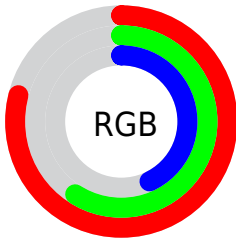
Format	Color
R_{YB}	202, 182, 109
Decimal	13276781
CIE _{Lab}	66.12, 14.47, 29.21
CIE _{LCh}	66, 32.599, 63.643
Yxy	35.4734, 0.4097, 0.3822
Android (android.graphics.Color)	4291466861 (0xFFCA966D)
YUV	160.8740, -25.5739, 36.0675
Hunter-Lab	59.5595, 9.7282, 22.4681

Details

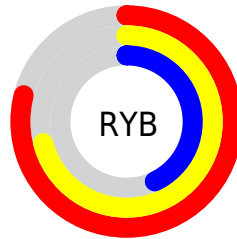
The Hex color **CA966D** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6DA1CA**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFCCA1**, and **92633D** is the 20% darker color. If you saturate the color by 10%, you get **CA8B59**, and if you desaturate by 10%, it is **CAA181**.

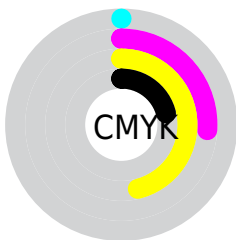
Distribution



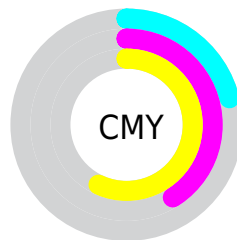
- Red (79%)
- Green (59%)
- Blue (43%)



- Red (79%)
- Yellow (71%)
- Blue (43%)



- Cyan (0%)
- Magenta (26%)
- Yellow (46%)
- Black (21%)



- Cyan (21%)
- Magenta (41%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA966D 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 CA966D by changing the saturation by 10% instead.

 CA966D

 CA966D

FFFFFF

 AD7C54

 FFCCA1

 92633D

 FFE8BC

 764B26

 FFFFD8

 5C3410

 FFFFF5

 431F00

 290A00

 000000

 CA966D

 CA966D

 CA8B59

 CAA181

CA7F45

CAAD95

CA7430

CAB8AA

CA691C

CAC3BE

CA5E08

CACED2

CA5900

CADAE6

CAE5FA

CAF0FF

CAF0FF

Harmonies

Analogous

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



D98D82



CA966D



B1A066

Triad

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



CA966D



4CB1A3



A998D1

Complementary

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



CA966D



6DA1CA

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.



7EA2DB



CA966D



37AFC0

Square

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



CA966D



6FAE86



50ABD4



C98EBB

Rectangle

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



CA966D



9DA66A



50ABD4



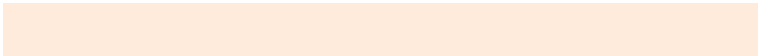
9C9BD6

Sweetspot

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



CA966D



FFEBDB



CA6DA2



80736A



000000



808080

Same Dimension

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



CA966D



FFB173



CAC46D



66605C



A64900



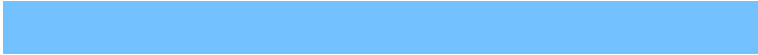
261100

Inverse Universe

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



6DA1CA



73C1FF



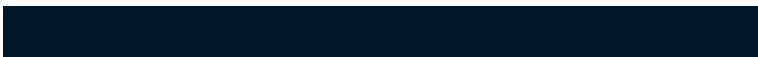
6D73CA



5C6266



005DA6



001526

Previews

White Background



This preview shows how the Hex color CA966D looks on a white background.

Color Contrast Check

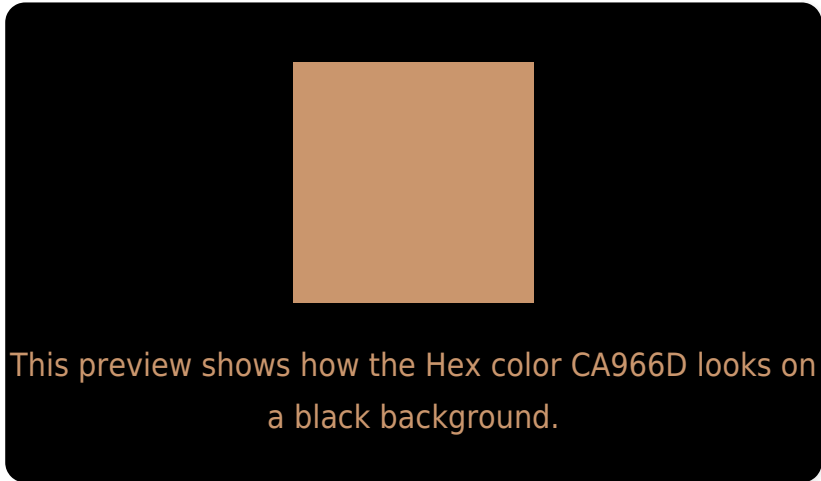
Large Text (above 18pt) WCAG AA × Fail

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

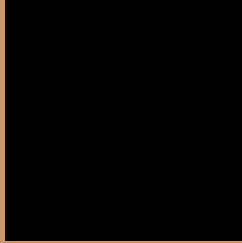
Any Text WCAG AA ✓ Pass

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 CA966D Background



This preview shows how black text looks on a background with the Hex color CA966D.

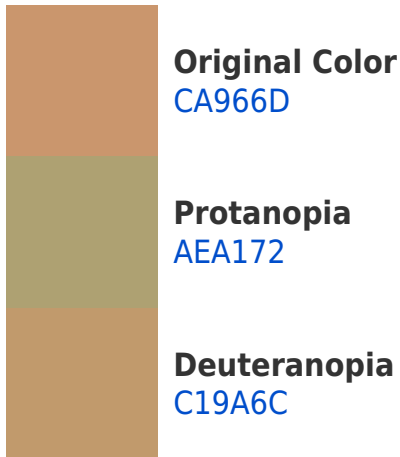


This preview shows how white text looks on a background with the Hex color CA966D.

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



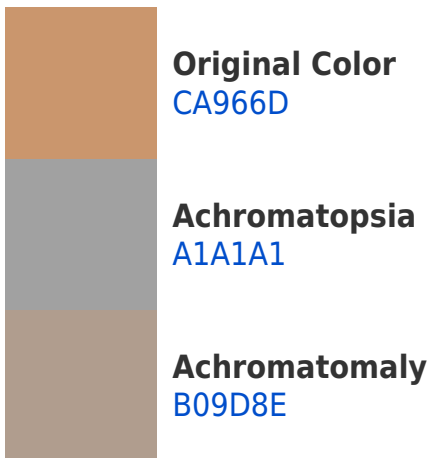


Tritanopia
CE909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA966D 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 #CA966D looks like.

```
.text, #text, p{  
    color:#CA966D  
}
```

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 #CA966D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA966D
}
```

Border

The CSS property to change the border of an element to Hex CA966D 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
#CA966D }
```

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

```
.border{ border-color:#CA966D }
```

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

Here you see how a box with a 4 pixel #CA966D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA966D; -webkit-box-shadow:4px 4px  
4px 4px #CA966D; box-shadow:4px 4px 4px  
4px #CA966D }
```

Background

The CSS property to change the background color of an element to Hex CA966D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA966D }
```

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

```
.background{ background-color:#CA966D }
```

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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