

Converting Colors

Hex(CDA06F)

Have a look what the booklet for
Hex(CDA06F) contains.

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Color

Hex(CDA06F)

Conversions

Conversions Part 1

Format	Color
Hex	CDA06F
RGB	205, 160, 111
RGB Percent	80%, 63%, 44%
CMY	0.1961, 0.3725, 0.5647
CMYK	0.00, 0.22, 0.46, 0.20
HSL	31°, 48%, 62%
HSV	31°, 46%, 80%
XYZ	40.6169, 39.2684, 20.4778
YIQ	167.8690, 42.5490, -5.6990

Conversions

Conversions Part 2

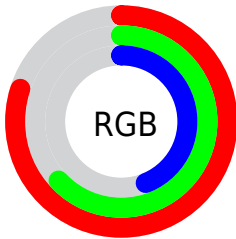
Format	Color
RYB	197, 205, 111
Decimal	13475951
CIELab	68.95, 10.47, 31.87
CIELCh	69, 33.545, 71.818
Yxy	39.2684, 0.4047, 0.3913
Android (android.graphics.Color)	4291666031 (0xFFCDA06F)
YUV	167.8690, -28.0364, 32.5639
Hunter-Lab	62.6645, 6.0343, 24.4902

Details

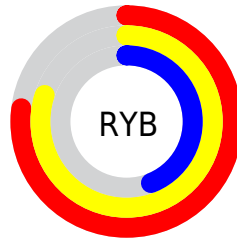
The Hex color **CDA06F** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6F9CCD**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFD7A3**, and **956D3E** is the 20% darker color. If you saturate the color by 10%, you get **CD965A**, and if you desaturate by 10%, it is **CDAA84**.

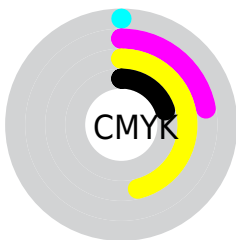
Distribution



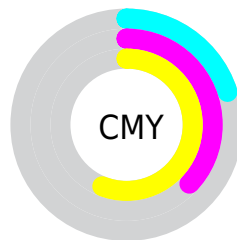
- Red (80%)
- Green (63%)
- Blue (44%)



- Red (77%)
- Yellow (80%)
- Blue (44%)



- Cyan (0%)
- Magenta (22%)
- Yellow (46%)
- Black (20%)



- Cyan (20%)
- Magenta (37%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDA06F 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 CDA06F by changing the saturation by 10% instead.

 CDA06F

FFFFFF

 FFD7A3

 FFF3BF

 FFFFDB

 FFFFF7

 CDA06F

 CDA06F

 B08656

 956D3E

 795427

 5F3D11

 462700

 2C1300

 0F0000

 000000

 CDA06F

CD965A

CDAA84

CD8C46

CDB498

CD8332

CDBDAD

CD791D

CDC7C1

CD6F08

CDD1D6

CD6B00

CDDBEA

CDE5FF

CDEFFF

CDF8FF

Harmonies

Analogous

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



DF9681



CDA06F



B1AA6C

Triad

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



CDA06F



48B9B4



BB9CD6

Complementary

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



CDA06F



6F9CCD

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.



91A7E3



CDA06F



3EB7D0

Square

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



CDA06F



6BB794



61B1E1



D893BC

Rectangle

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



CDA06F



9BB074



61B1E1



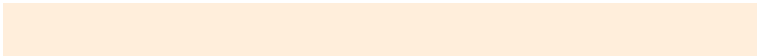
AFA0DC

Sweetspot

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



CDA06F



FFEEDB



CD6F9C



80756A



000000



808080

Same Dimension

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



CDA06F



FFBC73



CBCD6F



66615C



A65600



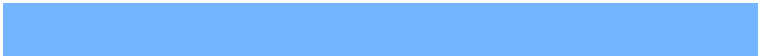
261400

Inverse Universe

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



6F9CCD



73B6FF



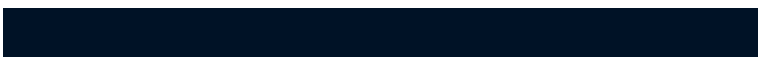
716FCD



5C6166



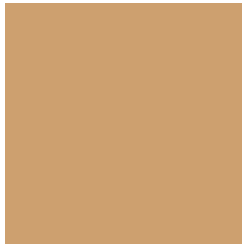
004FA6



001226

Previews

White Background



This preview shows how the Hex color CDA06F looks on a white background.

Color Contrast Check

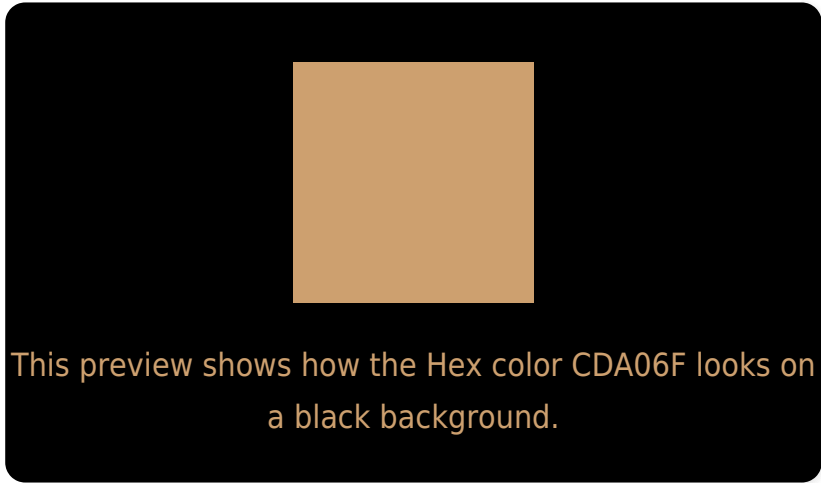
Large Text (above 18pt) WCAG AA × Fail

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

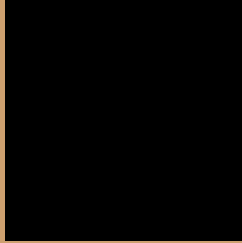
Any Text WCAG AA ✓ Pass

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 CDA06F Background



This preview shows how black text looks on a background with the Hex color CDA06F.




This preview shows how white text looks on a background with the Hex color CDA06F.

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](#).

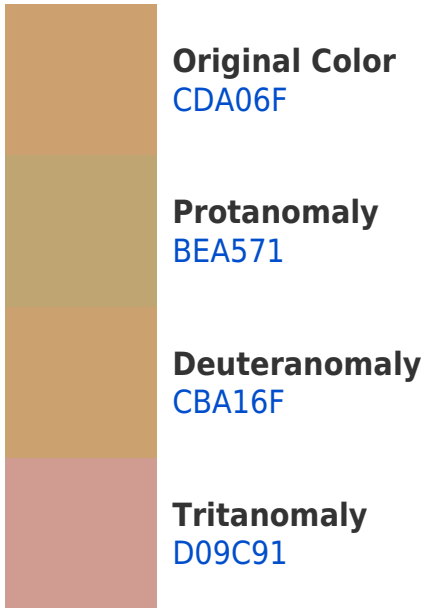
Dichromacy



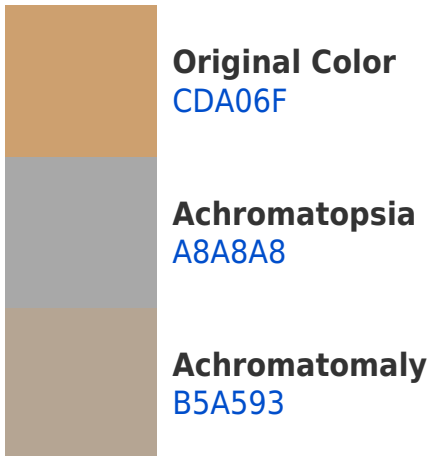


Tritanopia
D299A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDA06F 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 #CDA06F looks like.

```
.text, #text, p{  
    color:#CDA06F  
}
```

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 #CDA06F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDA06F
}
```

Border

The CSS property to change the border of an element to Hex CDA06F 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
#CDA06F }
```

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

```
.border{ border-color:#CDA06F }
```

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

Here you see how a box with a 4 pixel #CDA06F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDA06F; -webkit-box-shadow:4px 4px  
4px 4px #CDA06F; box-shadow:4px 4px 4px  
4px #CDA06F }
```

Background

The CSS property to change the background color of an element to Hex CDA06F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDA06F }
```

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

```
.background{ background-color:#CDA06F }
```

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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