

Converting Colors

Hex(CCA36D)

Have a look what the booklet for
Hex(CCA36D) contains.

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Color

Hex(CCA36D)

Conversions

Conversions Part 1

Format	Color
Hex	CCA36D
RGB	204, 163, 109
RGB Percent	80%, 64%, 43%
CMY	0.2000, 0.3608, 0.5725
CMYK	0.00, 0.20, 0.47, 0.20
HSL	34°, 48%, 61%
HSV	34°, 47%, 80%
XYZ	40.7593, 40.1359, 20.0667
YIQ	169.1030, 41.7700, -8.1020

Conversions

Conversions Part 2

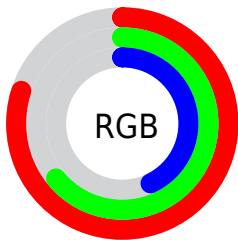
Format	Color
RYB	181, 204, 109
Decimal	13411181
CIELab	69.57, 8.23, 33.71
CIElCh	70, 34.702, 76.280
Yxy	40.1359, 0.4037, 0.3975
Android (android.graphics.Color)	4291601261 (0xFFCCA36D)
YUV	169.1030, -29.6308, 30.6047
Hunter-Lab	63.3529, 3.9740, 25.5672

Details

The Hex color **CCA36D** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6D96CC**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFDAA1**, and **946F3C** is the 20% darker color. If you saturate the color by 10%, you get **CC9A59**, and if you desaturate by 10%, it is **CCAC81**.

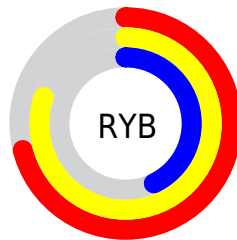
Distribution



Red (80%)

Green (64%)

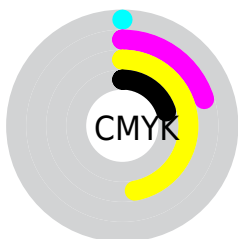
Blue (43%)



Red (71%)

Yellow (80%)

Blue (43%)

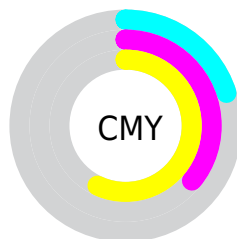


Cyan (0%)

Magenta (20%)

Yellow (47%)

Black (20%)



Cyan (20%)

Magenta (36%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCA36D 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 CCA36D by changing the saturation by 10% instead.

 CCA36D

 CCA36D

FFFFFF

 B08954

 FFDA A1

 946F3C

 FFF6BC

 785725

 FFFF D8

 5E400E

 FFFFF5

 452A00

 2B1600

 100000

 000000

 CCA36D

 CCA36D

 CC9A59

 CCAC81

 CC9144

 CCB596

 CC8930

 CCBDAA

 CC801B

 CCC6BF

 CC7707

 CCCFD3

 CC7400

 CCD8E7

 CCE1FC

 CCE9FF

 CCF2FF

Harmonies

Analogous

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



E1997E



CCA36D



AEAD6D

Triad

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



CCA36D



3FBBBA



C39CD6

Complementary

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



CCA36D



6D96CC

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.



99A7E6



CCA36D



3BB8D6

Square

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



CCA36D



64BA9A



67B1E6



DE93BA

Rectangle

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



CCA36D



97B376



67B1E6



B69FDD

Sweetspot

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



CCA36D



FFF0DB



CC6D96



80766A



000000



808080

Same Dimension

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



CCA36D



FFC170



C6CC6D



66625C



A65E00



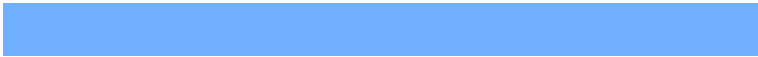
261600

Inverse Universe

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



6D96CC



70AEFF



736DCC



5C6066



0048A6



001126

Previews

White Background



This preview shows how the Hex color CCA36D looks on a white background.

Color Contrast Check

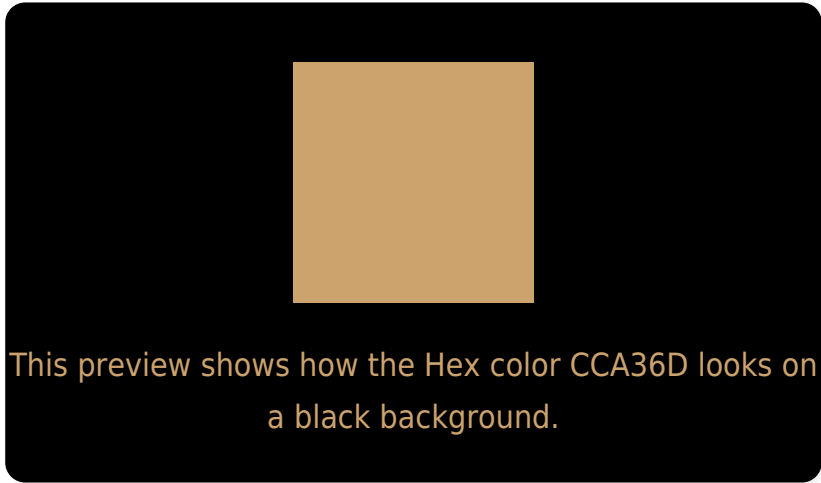
Large Text (above 18pt) WCAG AA × Fail

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 CCA36D Background



This preview shows how black text looks on a background with the Hex color CCA36D.

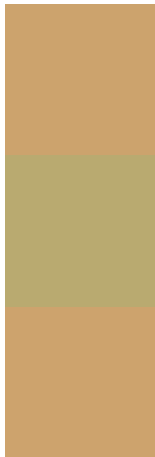


This preview shows how white text looks on a background with the Hex color CCA36D.

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
CCA36D

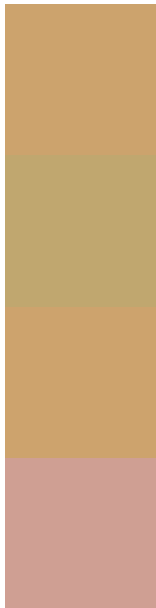
Protanopia
B9AA70

Deuteranopia
CDA36D



Tritanopia
D19CA8

Trichromacy



Original Color
CCA36D

Protanomaly
C0A76F

Deuteranomaly
CDA36D

Tritanomaly
CF9F93

Monochromacy



Original Color
CCA36D

Achromatopsia
A9A9A9

Achromatomaly
B6A793

CSS Examples

Text

The CSS property to change the color of the text to Hex CCA36D 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 #CCA36D looks like.

```
.text, #text, p{  
    color:#CCA36D  
}
```

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 #CCA36D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCA36D
}
```

Border

The CSS property to change the border of an element to Hex CCA36D 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
#CCA36D }
```

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

```
.border{ border-color:#CCA36D }
```

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

Here you see how a box with a 4 pixel #CCA36D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCA36D; -webkit-box-shadow:4px 4px  
4px 4px #CCA36D; box-shadow:4px 4px 4px  
4px #CCA36D }
```

Background

The CSS property to change the background color of an element to Hex CCA36D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCA36D }
```

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

```
.background{ background-color:#CCA36D }
```

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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