

Converting Colors

Hex(CCAD71)

Have a look what the booklet for
Hex(CCAD71) contains.

Hex(CCAD71)	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(CCAD71)

Conversions

Conversions Part 1

Format	Color
Hex	CCAD71
RGB	204, 173, 113
RGB Percent	80%, 68%, 44%
CMY	0.2000, 0.3216, 0.5569
CMYK	0.00, 0.15, 0.45, 0.20
HSL	40°, 47%, 62%
HSV	40°, 45%, 80%
XYZ	42.8260, 43.9168, 21.8424
YIQ	175.4290, 37.7360, -12.0880

Conversions

Conversions Part 2

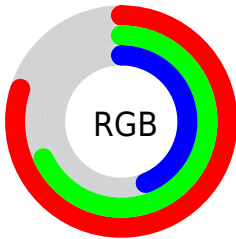
Format	Color
R _Y B	160, 204, 113
Decimal	13413745
CIE Lab	72.17, 3.26, 34.94
CIE LCh	72, 35.096, 84.665
Yxy	43.9168, 0.3944, 0.4044
Android (android.graphics.Color)	4291603825 (0xFFCCAD71)
YUV	175.4290, -30.7775, 25.0568
Hunter-Lab	66.2697, -0.6185, 26.8469

Details

The Hex color **CCAD71** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **7190CC**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFE4A6**, and **947940** is the 20% darker color. If you saturate the color by 10%, you get **CCA65D**, and if you desaturate by 10%, it is **CCB485**.

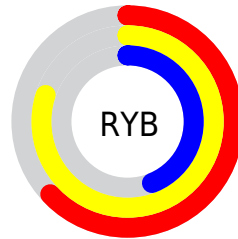
Distribution



Red (80%)

Green (68%)

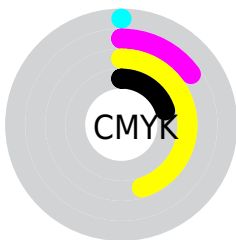
Blue (44%)



Red (63%)

Yellow (80%)

Blue (44%)

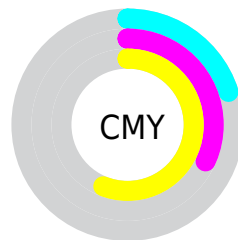


Cyan (0%)

Magenta (15%)

Yellow (45%)

Black (20%)



Cyan (20%)

Magenta (32%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCAD71 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 CCAD71 by changing the saturation by 10% instead.

 CCAD71

 CCAD71

FFFFFF

 B09258

 FFE4A6

 947940

 FFFFC1

 796028

 FFFFDD

 5F4910

 FFFFFA

 463200

 2D1D00

 130500

 000000

 CCAD71

 CCAD71

CCA65D

CCB485

CC9F48

CCBB9A

CC9834

CCC2AE

CC911F

CCC9C3

CC8A0B

CCD0D7

CC8700

CCD7EB

CCDEFF

CCE5FF

CCECFE

Harmonies

Analogous

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



E4A27E



CCAD71



ABB776

Triad

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



CCAD71



40C2CB



D4A0D6

Complementary

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



CCAD71



7190CC

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.



ADABEB



CCAD71



4CBEE4

Square

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



CCAD71



5FC2AA



7BB6F0



EB99B8

Rectangle

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



CCAD71



93BC82



7BB6F0



C9A3DF

Sweetspot

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



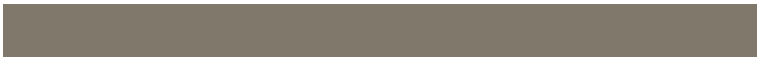
CCAD71



FFF4DE



CC7191



80796B



000000



808080

Same Dimension

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



CCAD71



FFD075



BECC71



66635C



A66D00



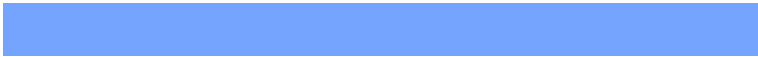
261900

Inverse Universe

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



7190CC



75A4FF



7F71CC



5C5F66



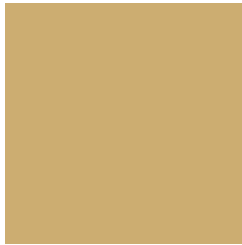
0038A6



000D26

Previews

White Background



This preview shows how the Hex color CCAD71 looks on a white background.

Color Contrast Check

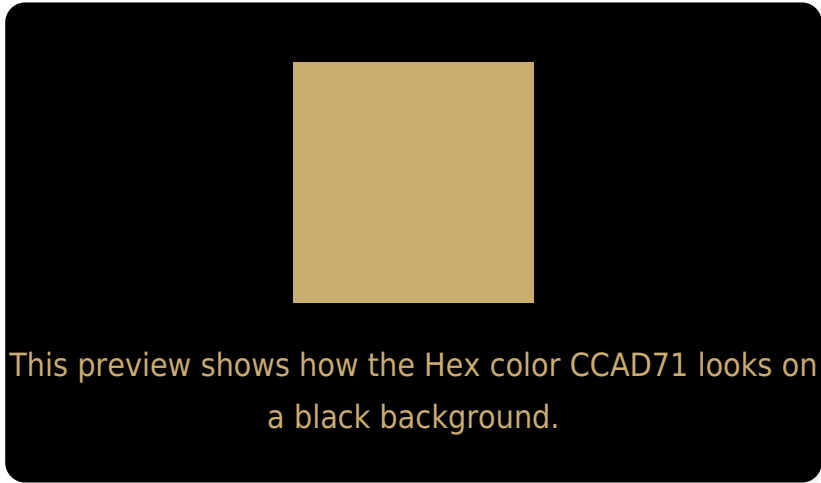
Large Text (above 18pt) WCAG AA × Fail

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 CCAD71 Background



This preview shows how black text looks on a background with the Hex color CCAD71.

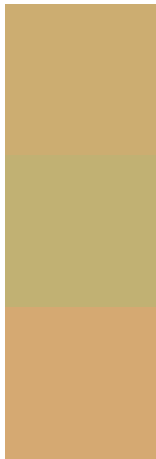


This preview shows how white text looks on a background with the Hex color CCAD71.

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
CCAD71

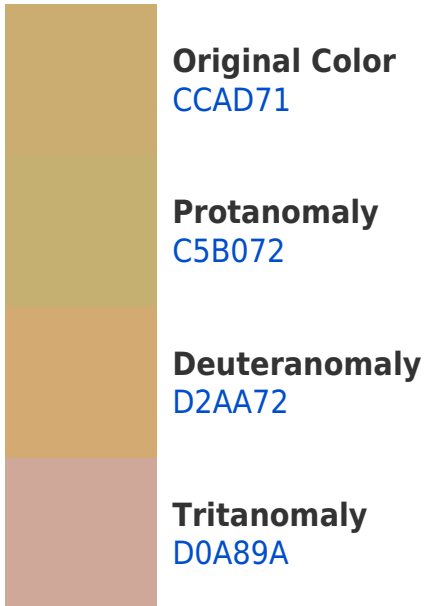
Protanopia
C1B173

Deuteranopia
D5A972

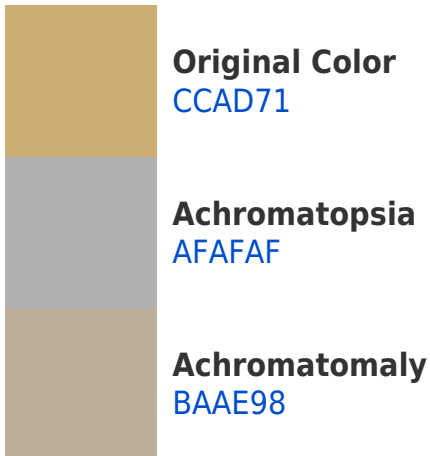


Tritanopia
D2A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCAD71 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 #CCAD71 looks like.

```
.text, #text, p{  
    color:#CCAD71  
}
```

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 #CCAD71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCAD71  
}
```

Border

The CSS property to change the border of an element to Hex CCAD71 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  
#CCAD71 }
```

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

```
.border{ border-color:#CCAD71 }
```

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

Here you see how a box with a 4 pixel #CCAD71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCAD71; -webkit-box-shadow:4px 4px  
4px 4px #CCAD71; box-shadow:4px 4px 4px  
4px #CCAD71 }
```

Background

The CSS property to change the background color of an element to Hex CCAD71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCAD71 }
```

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

```
.background{ background-color:#CCAD71 }
```

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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