

Converting Colors

Hex(CCA795)

Have a look what the booklet for
Hex(CCA795) contains.

Hex(CCA795)	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(CCA795)

Conversions

Conversions Part 1

Format	Color
Hex	CCA795
RGB	204, 167, 149
RGB Percent	80%, 65%, 58%
CMY	0.2000, 0.3451, 0.4157
CMYK	0.00, 0.18, 0.27, 0.20
HSL	20°, 35%, 69%
HSV	20°, 27%, 80%
XYZ	44.1454, 42.6447, 34.3383
YIQ	176.0110, 27.8300, 2.2460

Conversions

Conversions Part 2

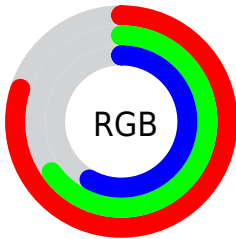
Format	Color
R_{YB}	204, 176, 149
Decimal	13412245
CIE _{Lab}	71.31, 10.87, 14.41
CIE _{LCh}	71, 18.043, 52.974
Yxy	42.6447, 0.3645, 0.3521
Android (android.graphics.Color)	4291602325 (0xFFCCA795)
YUV	176.0110, -13.3164, 24.5464
Hunter-Lab	65.3029, 6.3875, 14.5355

Details

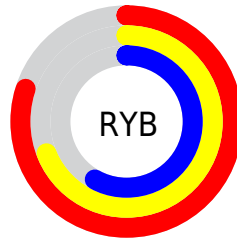
The Hex color **CCA795** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **95BACC**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFDECB**, and **957362** is the 20% darker color. If you saturate the color by 10%, you get **CC9981**, and if you desaturate by 10%, it is **CCB5A9**.

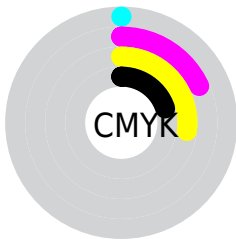
Distribution



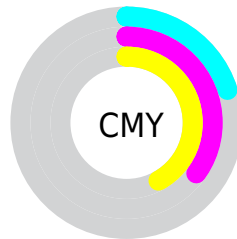
- Red (80%)
- Green (65%)
- Blue (58%)



- Red (80%)
- Yellow (69%)
- Blue (58%)



- Cyan (0%)
- Magenta (18%)
- Yellow (27%)
- Black (20%)



- Cyan (20%)
- Magenta (35%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCA795 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 CCA795 by changing the saturation by 10% instead.



CCA795



CCA795

FFFFFF



B08D7B



FFDECB



957362



FFFBE7



7B5A4A



614334



482D1E



311807



1B0000



000000



CCA795



CCA795

 CC9981

 CCB5A9

 CC8C6C

 CCC2BE

 CC7E58

 CCD0D2

 CC7043

 CCDEE7

 CC622F

 CCECFB

 CC551B

 CCF9FF

 CC4706

 CCFFFF

 CC4300

Harmonies

Analogous

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



D1A4A3



CCA795



BFAC8E

Triad

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



CCA795



8BB8AA



ADACCD

Complementary

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



CCA795



95BACC

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.



97B1CF



CCA795



83B8BB

Square

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



CCA795



9BB69A



87B6C8



C0A7C3

Rectangle

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



CCA795



B4B08F



87B6C8



A5AECE

Sweetspot

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



CCA795



FFF1EB



CC95BB



807773



000000



808080

Same Dimension

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



CCA795



FFC8AD



CCC295



665F5C



A63600



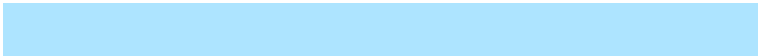
260D00

Inverse Universe

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



95BACC



ADE4FF



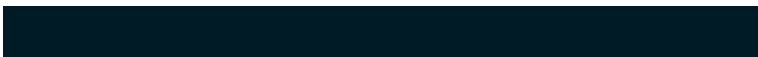
959FCC



5C6366



0070A6



001A26

Previews

White Background



This preview shows how the Hex color CCA795 looks on a white background.

Color Contrast Check

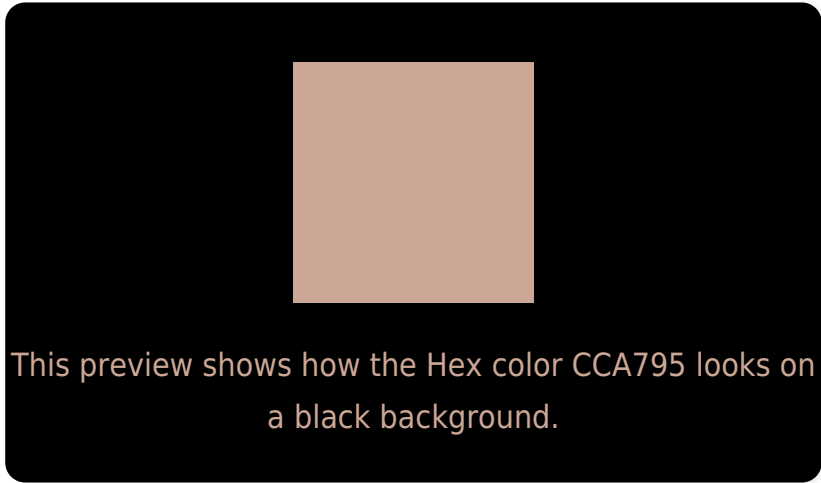
Large Text (above 18pt) WCAG AA × Fail

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 CCA795 Background



This preview shows how black text looks on a background with the Hex color CCA795.



This preview shows how white text looks on a background with the Hex color CCA795.

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

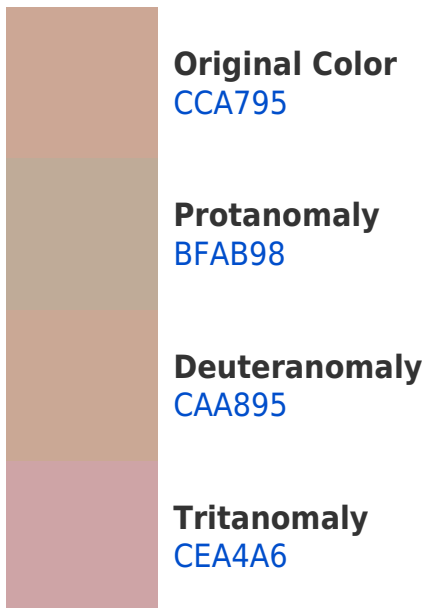


Original Color
CCA795

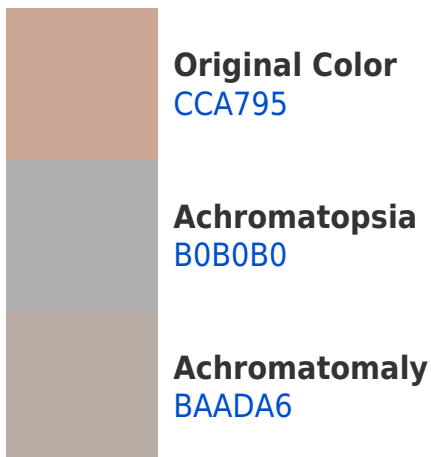
Protanopia
B7AE99

Deuteranopia
C9A895

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCA795 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 #CCA795 looks like.

```
.text, #text, p{  
    color:#CCA795  
}
```

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 #CCA795 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCA795
}
```

Border

The CSS property to change the border of an element to Hex CCA795 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
#CCA795 }
```

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

```
.border{ border-color:#CCA795 }
```

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

Here you see how a box with a 4 pixel #CCA795 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCA795; -webkit-box-shadow:4px 4px  
4px 4px #CCA795; box-shadow:4px 4px 4px  
4px #CCA795 }
```

Background

The CSS property to change the background color of an element to Hex CCA795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCA795 }
```

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

```
.background{ background-color:#CCA795 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor