

Converting Colors

Hex(CCD795)

Have a look what the booklet for
Hex(CCD795) contains.

Hex(CCD795)	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(CCD795)

Conversions

Conversions Part 1

Format	Color
Hex	CCD795
RGB	204, 215, 149
RGB Percent	80%, 84%, 58%
CMY	0.2000, 0.1569, 0.4157
CMYK	0.05, 0.00, 0.31, 0.16
HSL	70°, 45%, 71%
HSV	70°, 31%, 84%
XYZ	54.6271, 63.6082, 37.8322
YIQ	204.1870, 14.6300, -22.8580

Conversions

Conversions Part 2

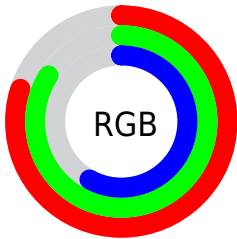
Format	Color
RYB	149, 215, 160
Decimal	13424533
CIELab	83.76, -14.29, 31.40
CIELCh	84, 34.499, 114.476
Yxy	63.6082, 0.3500, 0.4076
Android (android.graphics.Color)	4291614613 (0xFFCCD795)
YUV	204.1870, -27.2072, -0.1640
Hunter-Lab	79.7547, -17.3092, 27.7037

Details

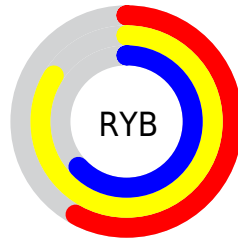
The Hex color **CCD795** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **A095D7**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFCC**, and **95A061** is the 20% darker color. If you saturate the color by 10%, you get **C8D77F**, and if you desaturate by 10%, it is **D0D7AB**.

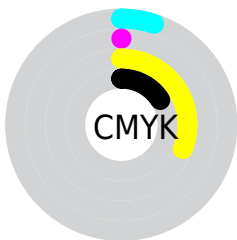
Distribution



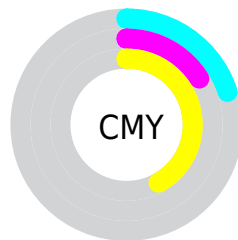
- Red (80%)
- Green (84%)
- Blue (58%)



- Red (58%)
- Yellow (84%)
- Blue (63%)



- Cyan (5%)
- Magenta (0%)
- Yellow (31%)
- Black (16%)



- Cyan (20%)
- Magenta (16%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCD795 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 CCD795 by changing the saturation by 10% instead.

■ CCD795

■ CCD795

FFFFFF

■ B0BB7B

■ FFFFCC

■ 95A061

■ FFFFE8

■ 7B8649

■ 616D31

■ 48551A

■ 313D02

■ 1A2800

■ 001500

■ 000000

 CCD795

 CCD795

 C8D77F

 D0D7AB

 C5D76A

 D3D7C0

 C1D755

 D7D7D6

 BED73F

 DAD7EB

 BAD72A

 DED7FF

 B7D714

 E2D7FF

 B3D700

 E5D7FF

 E9D7FF

 ECD7FF

Harmonies

Analogous

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



EDCD90



CCD795



A7DFAA

Triad

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



CCD795



75DEFF



FFB9D8

Complementary

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



CCD795



A095D7

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.



F5C0F7



CCD795



9ED6FF

Square

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



CCD795



6AE2EB



CDCBFF



FFBAB7

Rectangle

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



CCD795



8EE2BE



CDCBFF



FFBBE3

Sweetspot

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



CCD795



FBFFE8



D7A095



7D8071



000000



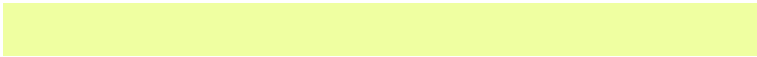
808080

Same Dimension

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



CCD795



EFFFA1



ACD795



696B60



8EAB00



242B00

Inverse Universe

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



A095D7



B0A1FF



C195D7



62606B



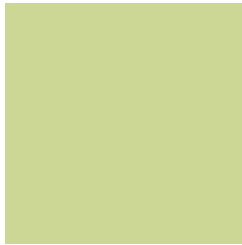
1C00AB



07002B

Previews

White Background



This preview shows how the Hex color CCD795 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



This preview shows how the Hex color CCD795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

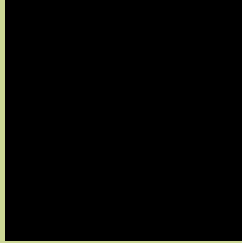
Any Text WCAG AA ✓ Pass

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 CCD795 Background



This preview shows how black text looks on a background with the Hex color CCD795.

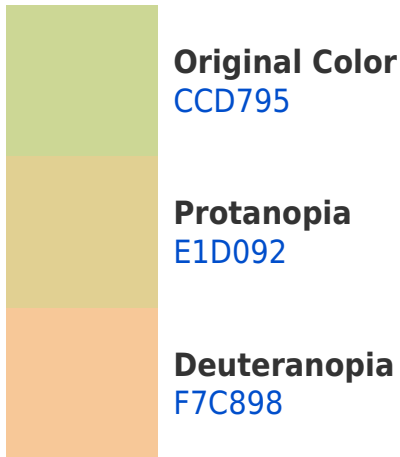


This preview shows how white text looks on a background with the Hex color CCD795.

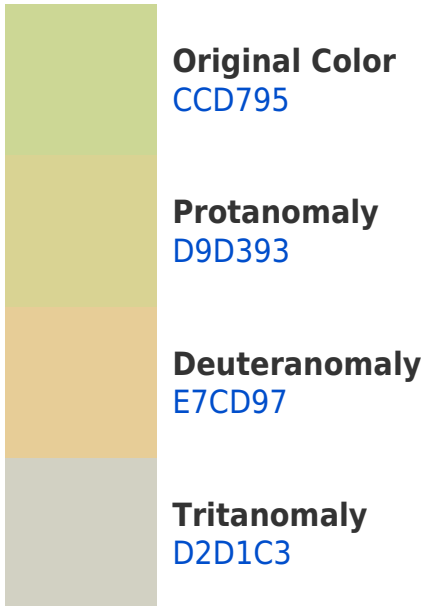
Color Blindness Simulation

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](#).

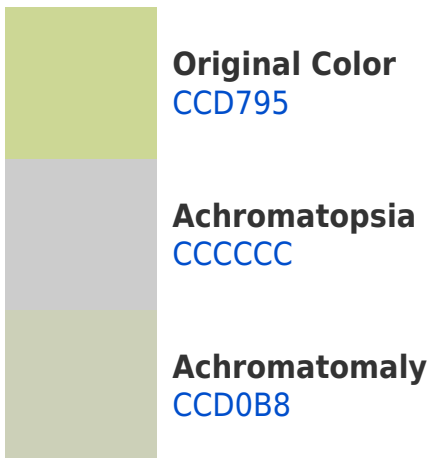
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCD795 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 #CCD795 looks like.

```
.text, #text, p{  
    color:#CCD795  
}
```

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 #CCD795 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCD795  
}
```

Border

The CSS property to change the border of an element to Hex CCD795 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  
#CCD795 }
```

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

```
.border{ border-color:#CCD795 }
```

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

Here you see how a box with a 4 pixel #CCD795 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCD795; -webkit-box-shadow:4px 4px  
4px 4px #CCD795; box-shadow:4px 4px 4px  
4px #CCD795 }
```

Background

The CSS property to change the background color of an element to Hex CCD795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCD795 }
```

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

```
.background{ background-color:#CCD795 }
```

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