

Converting Colors

Hex(CCCC3D)

Have a look what the booklet for
Hex(CCCC3D) contains.

Hex(CCCC3D)	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(CCCC3D)

Conversions

Conversions Part 1

Format	Color
Hex	CCCC3D
RGB	204, 204, 61
RGB Percent	80%, 80%, 24%
CMY	0.2000, 0.2000, 0.7608
CMYK	0.00, 0.00, 0.70, 0.20
HSL	60°, 58%, 52%
HSV	60°, 70%, 80%
XYZ	47.3370, 56.3600, 12.7985
YIQ	187.6980, 45.9030, -44.4730

Conversions

Conversions Part 2

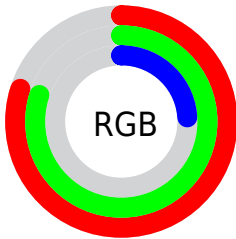
Format	Color
RYB	61, 204, 61
Decimal	13421629
CIELab	79.82, -16.68, 67.23
CIELCh	80, 69.271, 103.933
Yxy	56.3600, 0.4063, 0.4838
Android (android.graphics.Color)	4291611709 (0xFFCCCC3D)
YUV	187.6980, -62.4621, 14.2969
Hunter-Lab	75.0733, -18.8262, 42.4435

Details

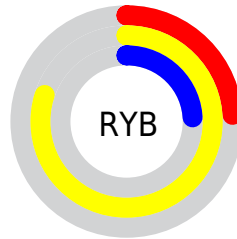
The Hex color **CCCC3D** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **3D3DCC**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFFF75**, and **929600** is the 20% darker color. If you saturate the color by 10%, you get **CCCC29**, and if you desaturate by 10%, it is **CCCC51**.

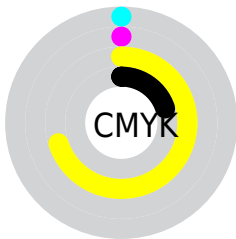
Distribution



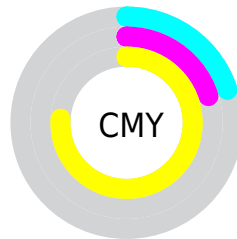
- Red (80%)
- Green (80%)
- Blue (24%)



- Red (24%)
- Yellow (80%)
- Blue (24%)



- Cyan (0%)
- Magenta (0%)
- Yellow (70%)
- Black (20%)



- Cyan (20%)
- Magenta (20%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCCC3D 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 CCCC3D by changing the saturation by 10% instead.

 CCCC3D

 CCCC3D

FFFFFF

 AFB11C

 FFFF75

 929600

 FFFF91

 767C00

 FFFFAD

 5B6400

 FFFFCA

 404C00

 FFFFFE7

 263500

 0B2000

 000000

 CCCC3D

 CCCC3D

■ CCCC29

■ CCCC51

■ CCCC14

■ CCCC66

■ CCCC00

■ CCCC7A

■ CCCC8F

■ CCCC A3

■ CCCC B7

■ CCCCCC

■ CCCCE0

■ CCCC F5

Harmonies

Analogous

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



FFB644



CCCC3D



83DB64

Triad

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



CCCC3D



00E2FF



FF90EB

Complementary

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



CCCC3D



3D3DCC

Split Complementary

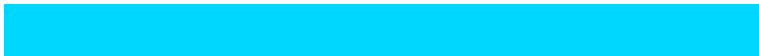
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F0A8FF



CCCC3D



00D7FF

Square

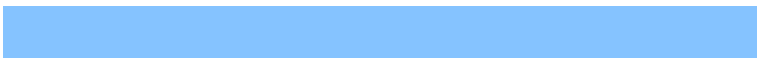
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CCCC3D



00E5E3



85C3FF



FF8BAA

Rectangle

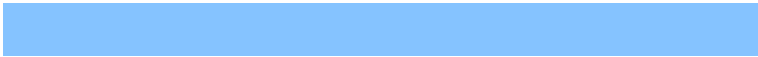
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CCCC3D



31E18A



85C3FF



FF97FF

Sweetspot

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



CCCC3D



FFFC9



CC3D3D



808060



000000



808080

Same Dimension

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



CCCC3D



FFFF29



85CC3D



66665C



A6A600



262600

Inverse Universe

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



3D3DCC



2929FF



853DCC



5C5C66



0000A6



000026

Previews

White Background



This preview shows how the Hex color CCCC3D looks on a white background.

Color Contrast Check

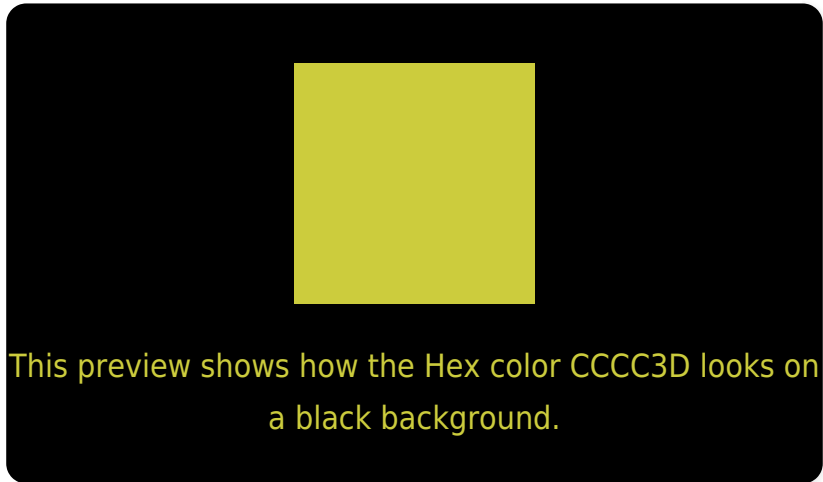
Large Text (above 18pt) WCAG AA × Fail

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 CCCC3D Background



This preview shows how black text looks on a background with the Hex color CCCC3D.

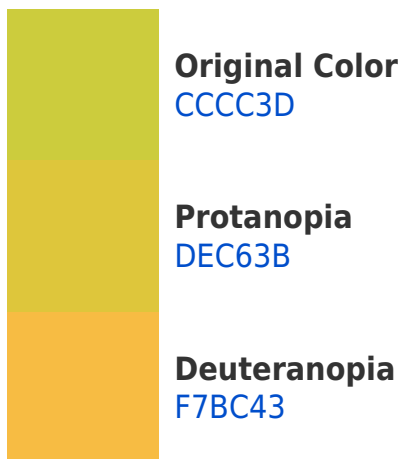


This preview shows how white text looks on a background with the Hex color CCCC3D.

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](#).

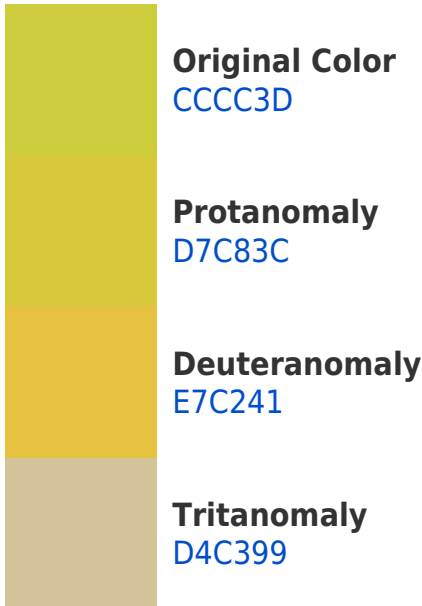
Dichromacy





Tritanopia
D9BECD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCCC3D 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 #CCCC3D looks like.

```
.text, #text, p{  
    color:#CCCC3D  
}
```

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 #CCCC3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCCC3D
}
```

Border

The CSS property to change the border of an element to Hex CCCC3D 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
#CCCC3D }
```

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

```
.border{ border-color:#CCCC3D }
```

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

Here you see how a box with a 4 pixel #CCCC3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCCC3D; -webkit-box-shadow:4px 4px  
4px 4px #CCCC3D; box-shadow:4px 4px 4px  
4px #CCCC3D }
```

Background

The CSS property to change the background color of an element to Hex CCCC3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCCC3D }
```

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

```
.background{ background-color:#CCCC3D }
```

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