

# Converting Colors

Hex(C3D588)

Have a look what the booklet for  
Hex(C3D588) contains.

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# **Color**

**Hex(C3D588)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3D588
RGB	195, 213, 136
RGB Percent	76%, 84%, 53%
CMY	0.2353, 0.1647, 0.4667
CMYK	0.08, 0.00, 0.36, 0.16
HSL	74°, 48%, 68%
HSV	74°, 36%, 84%
XYZ	50.7439, 60.9682, 32.3861
YIQ	198.8400, 13.9890, -27.7630

# Conversions

## Conversions Part 2

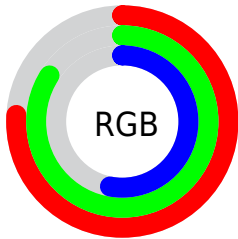
<b>Format</b>	<b>Color</b>
<b>RYB</b>	136, 213, 154
Decimal	12834184
CIELab	82.36, -18.35, 36.08
CIELCh	82, 40.484, 116.959
Yxy	60.9682, 0.3521, 0.4231
Android (android.graphics.Color)	4291024264 (0xFFC3D588)
YUV	198.8400, -30.9801, -3.3677
Hunter-Lab	78.0821, -20.6405, 30.0658

# Details

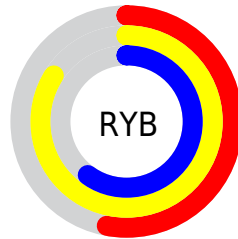
The Hex color **C3D588** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9A88D5**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FCFFBE**, and **8C9E55** is the 20% darker color. If you saturate the color by 10%, you get **BED573**, and if you desaturate by 10%, it is **C8D59D**.

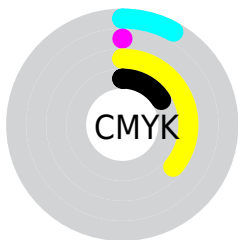
# Distribution



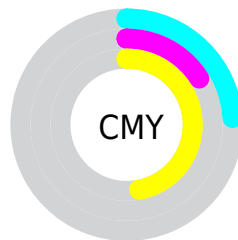
- Red (76%)
- Green (84%)
- Blue (53%)



- Red (53%)
- Yellow (84%)
- Blue (60%)



- Cyan (8%)
- Magenta (0%)
- Yellow (36%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3D588 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 C3D588 by changing the saturation by 10% instead.



 C3D588

 C3D588

FFFFFF

 A7B96E

 FCFFBE

 8C9E55

 FFFFDA

 72843C

 FFFFF7

 586B24

 40530B

 293C00

 102600

 000F00

 000000

 C3D588

 C3D588

 BED573

 C8D59D

 B9D55D

 CDD5B3

 B4D548

 D2D5C8

 AFD533

 D7D5DD

 AAD51E

 DCD5F3

 A5D508

 E1D5FF

 A3D500

 E6D5FF

 EBD5FF

 F0D5FF

# Harmonies

## Analogous

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



EAC981



C3D588



96DDA2

# Triad

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



C3D588



55DCFF



FFB0D2

# Complementary

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



C3D588



9A88D5

# 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.



F9B7F7



C3D588



91D2FF

# Square

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



C3D588



3FE1EE



CCC5FF



FFB2AC

# Rectangle

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



C3D588



77E0BB



CCC5FF



FFB2DF

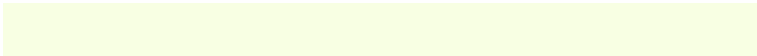


# Sweetspot

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



C3D588



F8FFE3



D59A88



7C806F



000000



808080

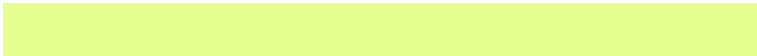


# Same Dimension

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



C3D588



E5FF91



9DD588



696B60



83AB00



212B00



# Inverse Universe

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



9A88D5



AB91FF



C088D5



63606B



2800AB

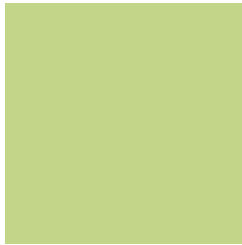


0A002B



# Previews

## White Background



This preview shows how the Hex color C3D588 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 C3D588 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

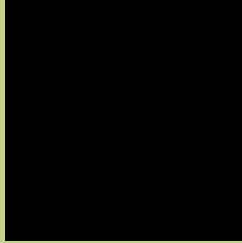
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

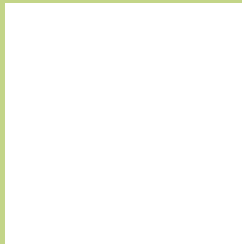
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C3D588 Background



This preview shows how black text looks on a background with the Hex color C3D588.

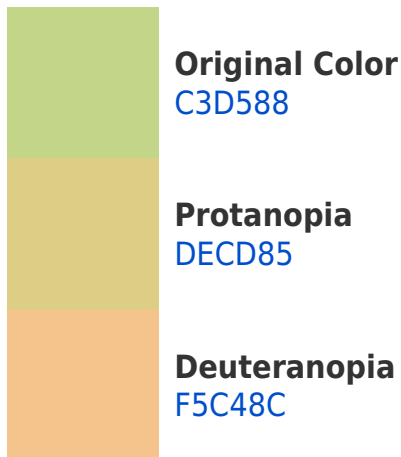


This preview shows how white text looks on a background with the Hex color C3D588.

# Color Blindness Simulation

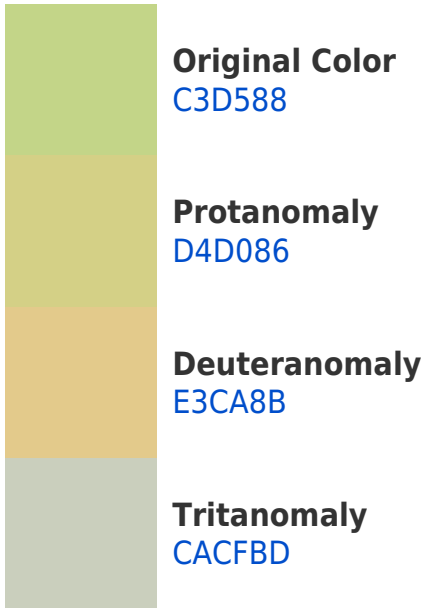
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

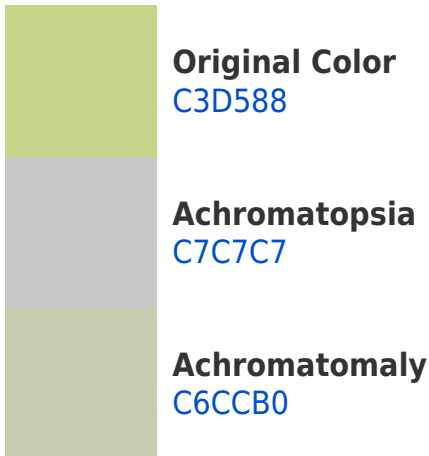




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3D588 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 #C3D588 looks like.

```
.text, #text, p{  
    color:#C3D588  
}
```

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 #C3D588 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3D588
}
```

## Border

The CSS property to change the border of an element to Hex C3D588 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
#C3D588 }
```

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

```
.border{ border-color:#C3D588 }
```

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

Here you see how a box with a 4 pixel #C3D588 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3D588; -webkit-box-shadow:4px 4px  
4px 4px #C3D588; box-shadow:4px 4px 4px  
4px #C3D588 }
```

# Background

The CSS property to change the background color of an element to Hex C3D588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3D588 }
```

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

```
.background{ background-color:#C3D588 }
```

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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