

Converting Colors

Hex(C3D85A)

Have a look what the booklet for
Hex(C3D85A) contains.

Hex(C3D85A)	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(C3D85A)

Conversions

Conversions Part 1

Format	Color
Hex	C3D85A
RGB	195, 216, 90
RGB Percent	76%, 85%, 35%
CMY	0.2353, 0.1529, 0.6471
CMYK	0.10, 0.00, 0.58, 0.15
HSL	70°, 62%, 60%
HSV	70°, 58%, 85%
XYZ	48.9070, 61.4520, 18.9566
YIQ	195.3570, 27.9300, -43.6380

Conversions

Conversions Part 2

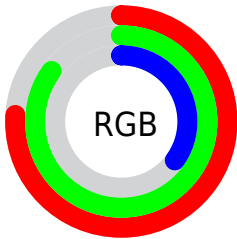
Format	Color
RYB	90, 216, 111
Decimal	12834906
CIELab	82.62, -24.43, 58.36
CIELCh	83, 63.265, 112.712
Yxy	61.4520, 0.3782, 0.4752
Android (android.graphics.Color)	4291024986 (0xFFC3D85A)
YUV	195.3570, -51.9410, -0.3131
Hunter-Lab	78.3913, -25.8218, 40.5364

Details

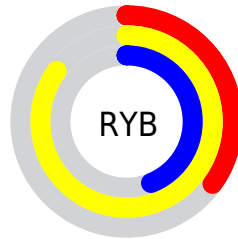
The Hex color **C3D85A** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **6F5AD8**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FEFF90**, and **8BA122** is the 20% darker color. If you saturate the color by 10%, you get **BFD844**, and if you desaturate by 10%, it is **C7D870**.

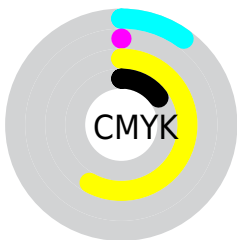
Distribution



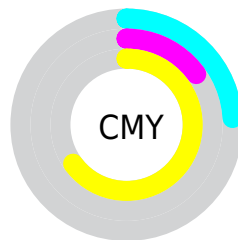
- Red (76%)
- Green (85%)
- Blue (35%)



- Red (35%)
- Yellow (85%)
- Blue (44%)



- Cyan (10%)
- Magenta (0%)
- Yellow (58%)
- Black (15%)



- Cyan (24%)
- Magenta (15%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color C3D85A 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 C3D85A by changing the saturation by 10% instead.

 C3D85A

 C3D85A

FFFFFF

 A6BC3F

 FEFF90

 8BA122

 FFFFAC

 6F8700

 FFFFC8

 546E00

 FFFF E5

 3B5500

 1F3E00

 022800

 001100

 000000

 C3D85A

 C3D85A

 BFD844

 C7D870

 BCD82F

 CAD885

 B8D819

 CED89B

 B5D804

 D1D8B0

 B4D800

 D5D8C6

 D9D8DC

 DCD8F1

 E0D8FF

 E3D8FF

Harmonies

Analogous

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



FCC553



C3D85A



7BE483

Triad

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



C3D85A



00E5FF



FF9BDF

Complementary

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



C3D85A



6F5AD8

Split Complementary

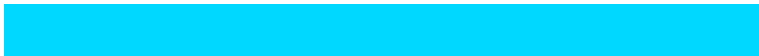
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFACFF



C3D85A



00D8FF

Square

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



C3D85A



00EBFA



B9C4FF



FF9DA3

Rectangle

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



C3D85A



22E9A8



B9C4FF



FF9FF2

Sweetspot

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



C3D85A



F7FFD1



D86F5A



7B8063



000000



808080

Same Dimension

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



C3D85A



E1FF4D



84D85A



696B60



8EAB00



242B00

Inverse Universe

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



6F5AD8



6A4DFF



AE5AD8



62606B



1C00AB



07002B

Previews

White Background



This preview shows how the Hex color C3D85A 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 C3D85A 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 C3D85A Background



This preview shows how black text looks on a background with the Hex color C3D85A.

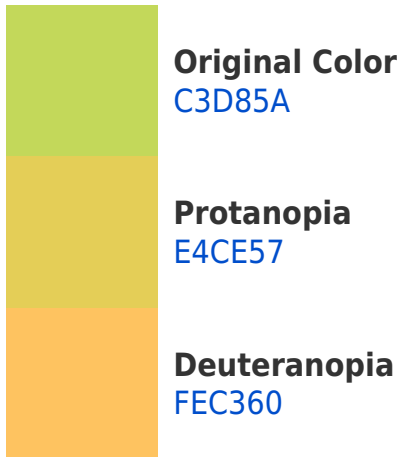


This preview shows how white text looks on a background with the Hex color C3D85A.

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](#).

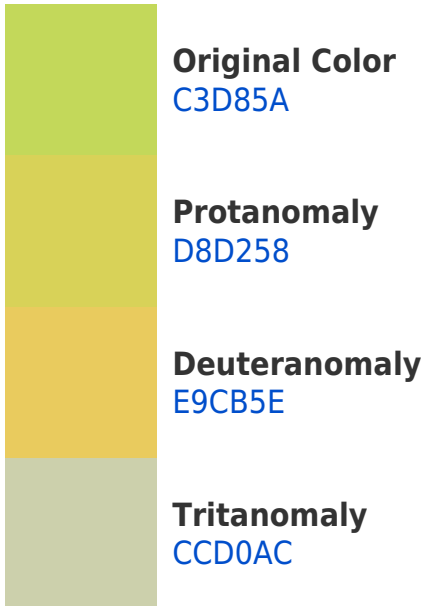
Dichromacy



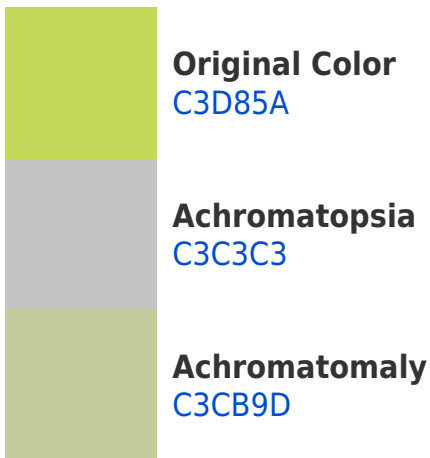


Tritanopia
D1CBDB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C3D85A 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 #C3D85A looks like.

```
.text, #text, p{  
    color:#C3D85A  
}
```

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 #C3D85A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3D85A
}
```

Border

The CSS property to change the border of an element to Hex C3D85A 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
#C3D85A }
```

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

```
.border{ border-color:#C3D85A }
```

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

Here you see how a box with a 4 pixel #C3D85A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3D85A; -webkit-box-shadow:4px 4px  
4px 4px #C3D85A; box-shadow:4px 4px 4px  
4px #C3D85A }
```

Background

The CSS property to change the background color of an element to Hex C3D85A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3D85A }
```

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

```
.background{ background-color:#C3D85A }
```

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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