

Converting Colors

Hex(C3D460)

Have a look what the booklet for
Hex(C3D460) contains.

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Color

Hex(C3D460)

Conversions

Conversions Part 1

Format	Color
Hex	C3D460
RGB	195, 212, 96
RGB Percent	76%, 83%, 38%
CMY	0.2353, 0.1686, 0.6235
CMYK	0.08, 0.00, 0.55, 0.17
HSL	69°, 57%, 60%
HSV	69°, 55%, 83%
XYZ	48.1605, 59.5336, 20.0191
YIQ	193.6930, 27.1040, -39.6800

Conversions

Conversions Part 2

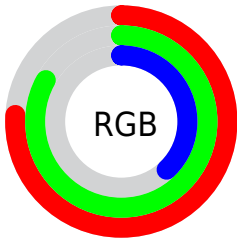
Format	Color
RYB	96, 212, 113
Decimal	12833888
CIELab	81.58, -22.01, 54.52
CIELCh	82, 58.796, 111.979
Yxy	59.5336, 0.3771, 0.4662
Android (android.graphics.Color)	4291023968 (0xFFC3D460)
YUV	193.6930, -48.1626, 1.1462
Hunter-Lab	77.1580, -23.6104, 38.6274

Details

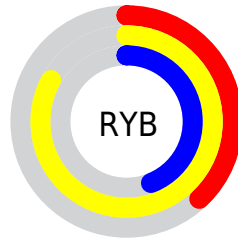
The Hex color **C3D460** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7160D4**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FDF996**, and **8B9D2A** is the 20% darker color. If you saturate the color by 10%, you get **C0D44B**, and if you desaturate by 10%, it is **C6D475**.

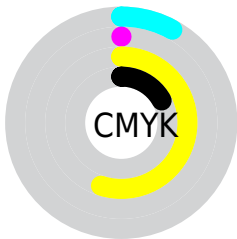
Distribution



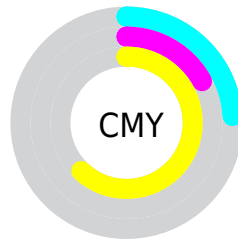
- Red (76%)
- Green (83%)
- Blue (38%)



- Red (38%)
- Yellow (83%)
- Blue (44%)



- Cyan (8%)
- Magenta (0%)
- Yellow (55%)
- Black (17%)



- Cyan (24%)
- Magenta (17%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color C3D460 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 C3D460 by changing the saturation by 10% instead.

 C3D460

 C3D460

FFFFFF

 A7B846

 FDFF96

 8B9D2A

 FFFFB2

 708307

 FFFFCE

 556A00

 FFFFEB

 3C5200

 213B00

 052500

 000B00

 000000

 C3D460

 C3D460

 C0D44B

 C6D475

 BDD436

 C9D48A

 BAD420

 CCD4A0

 B7D40B

 CFD4B5

 B5D400

 D3D4CA

 D6D4DF

 D9D4F4

 DCD4FF

 DFD4FF

Harmonies

Analogous

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



F8C35B



C3D460



81E084

Triad

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



C3D460



00E1FF



FF9DDC

Complementary

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



C3D460



7160D4

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



C3D460



2CD5FF

Square

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



C3D460



00E6F2



B7C2FF



FF9EA5

Rectangle

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



C3D460



40E4A7



B7C2FF



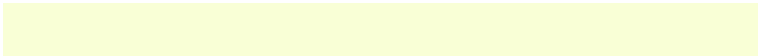
FFA1EE

Sweetspot

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



C3D460



F9FFD6



D46F60



7C8067



000000



808080

Same Dimension

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



C3D460



E6FF57



8BD460



6A6B60



92AB00



252B00

Inverse Universe

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



7160D4



6F57FF



A960D4



62606B



1900AB



06002B

Previews

White Background



This preview shows how the Hex color C3D460 looks on a white background.

Color Contrast Check

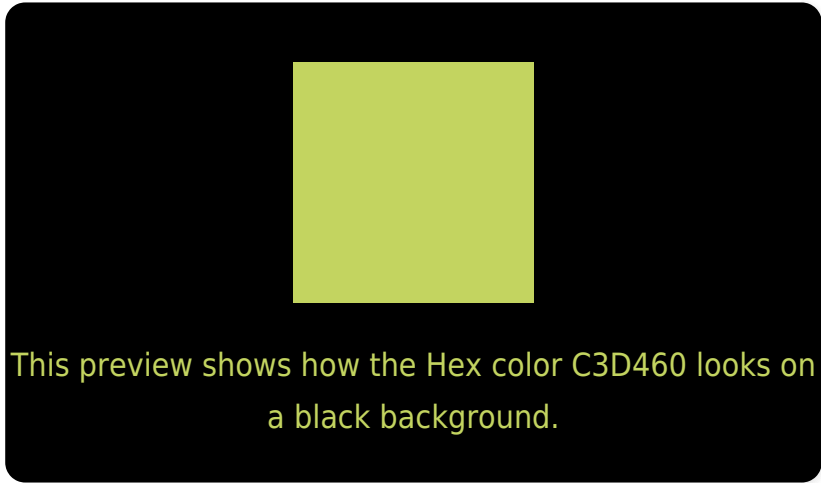
Large Text (above 18pt) WCAG AA × Fail

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 C3D460 Background



This preview shows how black text looks on a background with the Hex color C3D460.

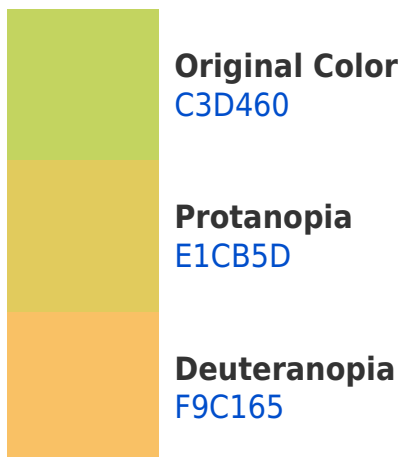


This preview shows how white text looks on a background with the Hex color C3D460.

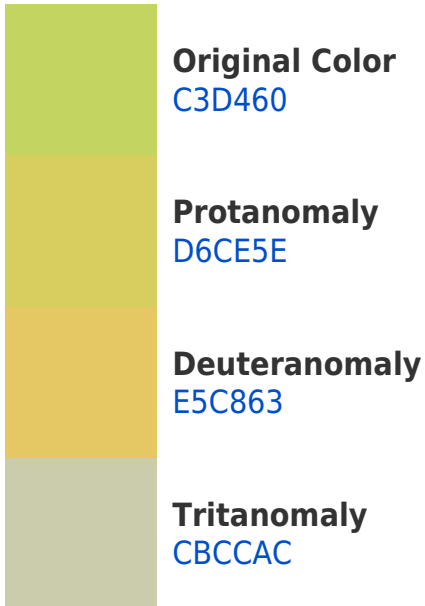
Color Blindness Simulation

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 C3D460 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 #C3D460 looks like.

```
.text, #text, p{  
    color:#C3D460  
}
```

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 #C3D460 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3D460
}
```

Border

The CSS property to change the border of an element to Hex C3D460 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
#C3D460 }
```

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

```
.border{ border-color:#C3D460 }
```

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

Here you see how a box with a 4 pixel #C3D460 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3D460; -webkit-box-shadow:4px 4px  
4px 4px #C3D460; box-shadow:4px 4px 4px  
4px #C3D460 }
```

Background

The CSS property to change the background color of an element to Hex C3D460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3D460 }
```

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

```
.background{ background-color:#C3D460 }
```

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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