

Converting Colors

Hex(C3DB2C)

Have a look what the booklet for
Hex(C3DB2C) contains.

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Color

Hex(C3DB2C)

Conversions

Conversions Part 1

Format	Color
Hex	C3DB2C
RGB	195, 219, 44
RGB Percent	76%, 86%, 17%
CMY	0.2353, 0.1412, 0.8275
CMYK	0.11, 0.00, 0.80, 0.14
HSL	68°, 71%, 52%
HSV	68°, 80%, 86%
XYZ	48.2918, 62.4470, 11.8911
YIQ	191.8740, 41.8710, -59.5130

Conversions

Conversions Part 2

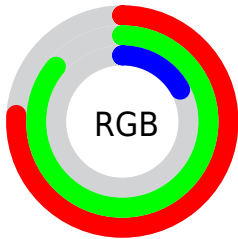
Format	Color
R _Y B	44, 219, 68
Decimal	12835628
CIE Lab	83.15, -28.40, 75.35
CIE LCh	83, 80.524, 110.649
Yxy	62.4470, 0.3938, 0.5092
Android (android.graphics.Color)	4291025708 (0xFFC3DB2C)
YUV	191.8740, -72.9019, 2.7415
Hunter-Lab	79.0234, -29.2082, 46.3947

Details

The Hex color **C3DB2C** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **442CDB**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFFF6A**, and **89A400** is the 20% darker color. If you saturate the color by 10%, you get **C0DB16**, and if you desaturate by 10%, it is **C6DB42**.

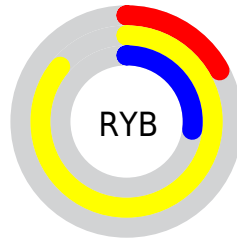
Distribution



Red (76%)

Green (86%)

Blue (17%)



Red (17%)

Yellow (86%)

Blue (27%)

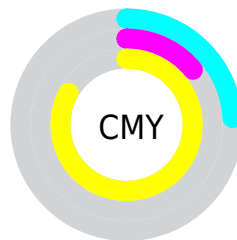


Cyan (11%)

Magenta (0%)

Yellow (80%)

Black (14%)



Cyan (24%)

Magenta (14%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color C3DB2C 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 C3DB2C by changing the saturation by 10% instead.

 C3DB2C

 C3DB2C

FFFFFF

 A6BF00

 FFFF6A

 89A400

 FFFF87

 6D8A00

 FFFFA3

 517000

 FFFF00

 355800

 FFFFDE

 184000

 FFFFFB

 002A00

 001300

 000000

 C3DB2C

 C3DB2C

 C0DB16

 C6DB42

 BDDB00

 C9DB58

 CCDB6E

 CFDB84

 D2DB9A

 D5DBAF

 D8DBC5

 DBDBDB

 DEDBF1

Harmonies

Analogous

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



FFC326



C3DB2C



62EA69

Triad

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



C3DB2C



00EDFF



FF88EA

Complementary

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



C3DB2C



442CDB

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.



FFA3FF



C3DB2C



00DFFF

Square

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



C3DB2C



00F3FF



A2C5FF



FF899E

Rectangle

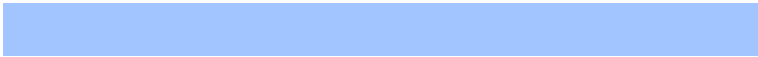
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C3DB2C



00F09A



A2C5FF



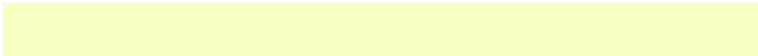
FF8FFF

Sweetspot

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



C3DB2C



F7FFC2



DB432C



7A805B



000000



808080

Same Dimension

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



C3DB2C



DFF0A



6CDB2C



6C6E63



96AD00



282E00

Inverse Universe

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



442CDB



2C0AFF



9B2CDB



64636E



1800AD



06002E

Previews

White Background



This preview shows how the Hex color C3DB2C looks on a white background.

Color Contrast Check

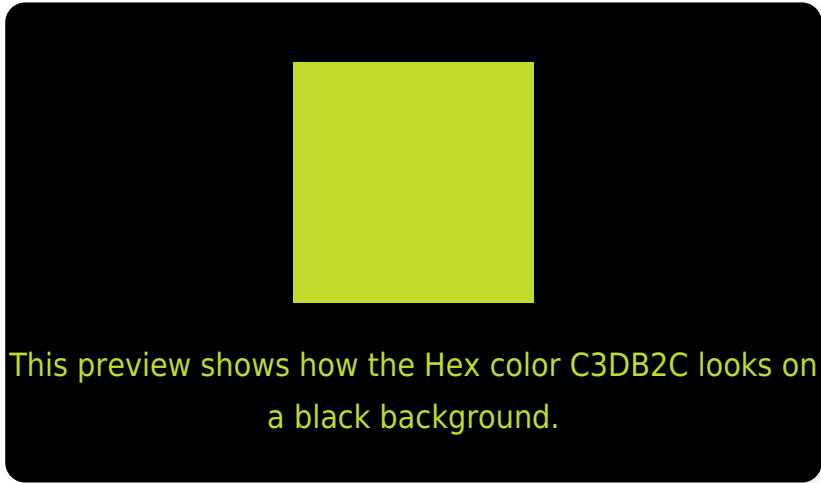
Large Text (above 18pt) WCAG AA × Fail

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 C3DB2C Background



This preview shows how black text looks on a background with the Hex color C3DB2C.

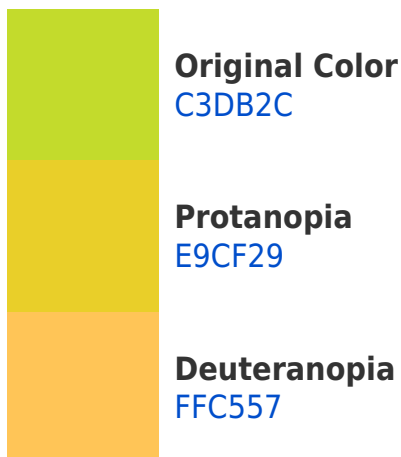


This preview shows how white text looks on a background with the Hex color C3DB2C.

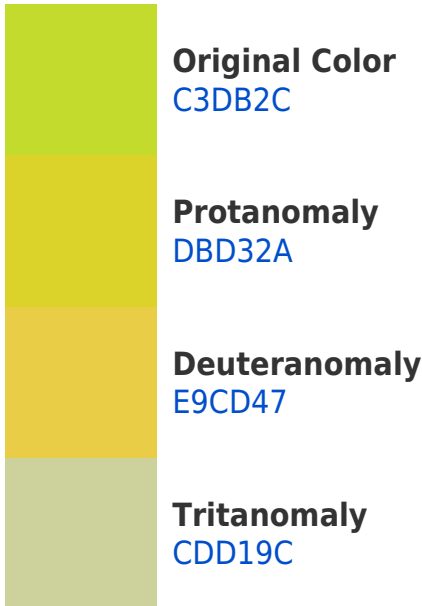
Color Blindness Simulation

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](#).

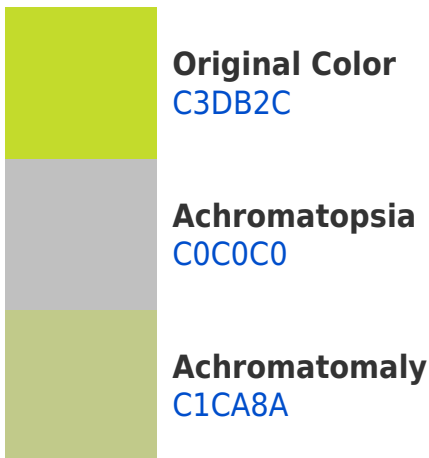
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C3DB2C 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 #C3DB2C looks like.

```
.text, #text, p{  
    color:#C3DB2C  
}
```

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 #C3DB2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3DB2C
}
```

Border

The CSS property to change the border of an element to Hex C3DB2C 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
#C3DB2C }
```

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

```
.border{ border-color:#C3DB2C }
```

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

Here you see how a box with a 4 pixel #C3DB2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3DB2C; -webkit-box-shadow:4px 4px  
4px 4px #C3DB2C; box-shadow:4px 4px 4px  
4px #C3DB2C }
```

Background

The CSS property to change the background color of an element to Hex C3DB2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3DB2C }
```

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

```
.background{ background-color:#C3DB2C }
```

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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