

Converting Colors

Hex(C3D812)

Have a look what the booklet for
Hex(C3D812) contains.

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Color

Hex(C3D812)

Conversions

Conversions Part 1

Format	Color
Hex	C3D812
RGB	195, 216, 18
RGB Percent	76%, 85%, 7%
CMY	0.2353, 0.1529, 0.9294
CMYK	0.10, 0.00, 0.92, 0.15
HSL	66°, 85%, 46%
HSV	66°, 92%, 85%
XYZ	47.1707, 60.7575, 9.8135
YIQ	187.1490, 51.0420, -66.0300

Conversions

Conversions Part 2

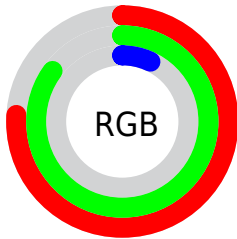
Format	Color
RYB	18, 216, 39
Decimal	12834834
CIELab	82.25, -27.62, 79.72
CIELCh	82, 84.371, 109.107
Yxy	60.7575, 0.4006, 0.5160
Android (android.graphics.Color)	4291024914 (0xFFC3D812)
YUV	187.1490, -83.3905, 6.8853
Hunter-Lab	77.9471, -28.3858, 47.0984

Details

The Hex color **C3D812** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **2712D8**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFFF5C**, and **89A100** is the 20% darker color. If you saturate the color by 10%, you get **C1D800**, and if you desaturate by 10%, it is **C5D828**.

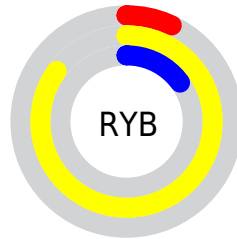
Distribution



Red (76%)

Green (85%)

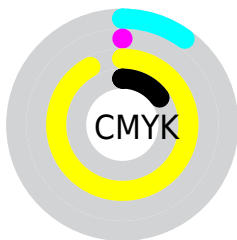
Blue (7%)



Red (7%)

Yellow (85%)

Blue (15%)

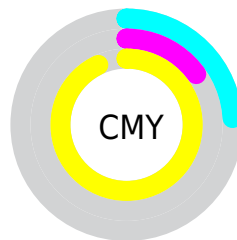


Cyan (10%)

Magenta (0%)

Yellow (92%)

Black (15%)



Cyan (24%)

Magenta (15%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color C3D812 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 C3D812 by changing the saturation by 10% instead.

 C3D812

 C3D812

FFFFFF

 A6BC00

 FFFF5C

 89A100

 FFFF79

 6C8700

 FFFF96

 506E00

 FFFFB4


 345500

 FFFFD1

 173E00

 FFFFEF

 002800

 000F00

 000000

 C3D812

 C3D812

 C1D800

 C5D828

 C8D83D

 CAD853

 CCD868

 CED87E

 D1D894

 D3D8A9

 D5D8BF

 D8D8D4

Harmonies

Analogous

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



FFBF10



C3D812



5EE85D

Triad

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



C3D812



00EDFF



FF81ED

Complementary

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



C3D812



2712D8

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.



FFA0FF



C3D812



00DEFF

Square

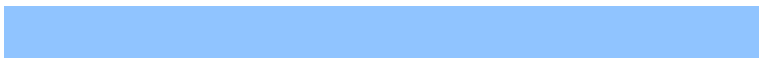
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C3D812



00F1FE



90C4FF



FF809E

Rectangle

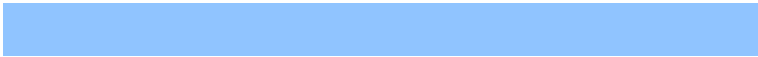
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C3D812



00EE91



90C4FF



FF89FF

Sweetspot

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



C3D812



F7FFB8



D82612



7B8054



000000



808080

Same Dimension

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



C3D812



E4FF00



61D812



6A6B60



99AB00



272B00

Inverse Universe

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



2712D8



1B00FF



8912D8



62606B



1200AB



05002B

Previews

White Background



This preview shows how the Hex color C3D812 looks on a white background.

Color Contrast Check

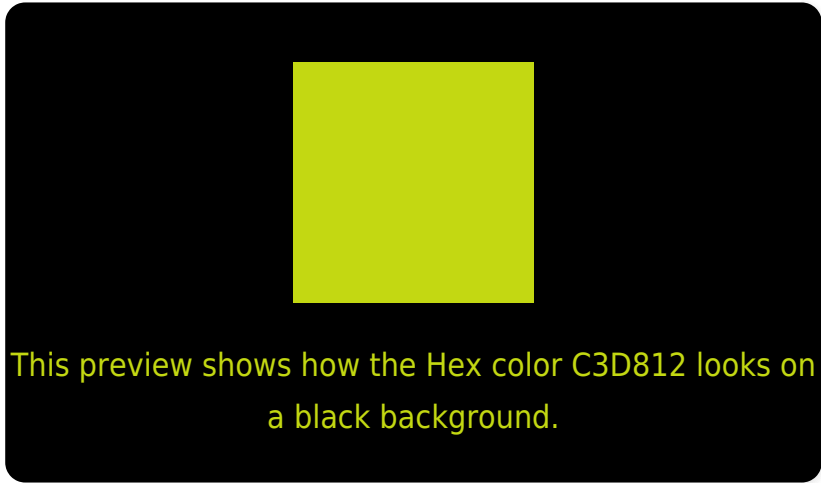
Large Text (above 18pt) WCAG AA × Fail

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 C3D812 Background



This preview shows how black text looks on a background with the Hex color C3D812.



This preview shows how white text looks on a background with the Hex color C3D812.

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



Original Color
C3D812

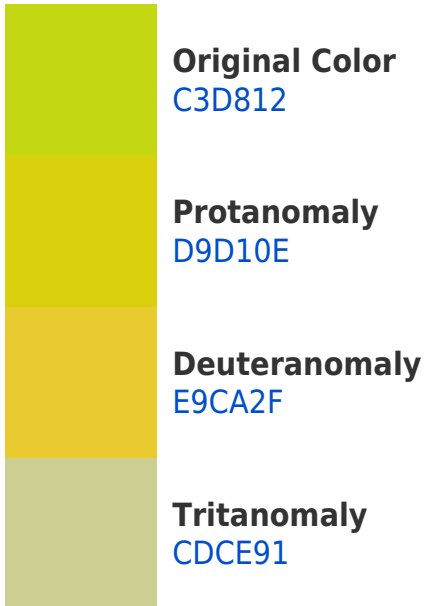
Protanopia
E6CD0C

Deuteranopia
FFC240



Tritanopia
D3C9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C3D812 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 #C3D812 looks like.

```
.text, #text, p{  
    color:#C3D812  
}
```

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 #C3D812 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3D812
}
```

Border

The CSS property to change the border of an element to Hex C3D812 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
#C3D812 }
```

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

```
.border{ border-color:#C3D812 }
```

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

Here you see how a box with a 4 pixel #C3D812 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3D812; -webkit-box-shadow:4px 4px  
4px 4px #C3D812; box-shadow:4px 4px 4px  
4px #C3D812 }
```

Background

The CSS property to change the background color of an element to Hex C3D812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3D812 }
```

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

```
.background{ background-color:#C3D812 }
```

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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