

Converting Colors

Hex(3CDD3C)

Have a look what the booklet for
Hex(3CDD3C) contains.

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Color

Hex(3CDD3C)

Conversions

Conversions Part 1

Format	Color
Hex	3CDD3C
RGB	60, 221, 60
RGB Percent	24%, 87%, 24%
CMY	0.7647, 0.1333, 0.7647
CMYK	0.73, 0.00, 0.73, 0.13
HSL	120°, 70%, 55%
HSV	120°, 73%, 87%
XYZ	28.5355, 52.9998, 13.0010
YIQ	154.5070, -44.2750, -84.2030

Conversions

Conversions Part 2

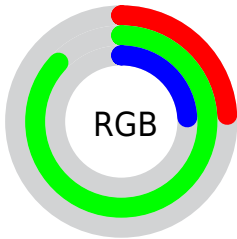
Format	Color
RYB	60, 221, 221
Decimal	3988796
CIELab	77.87, -69.83, 63.37
CIELCh	78, 94.298, 137.778
Yxy	52.9998, 0.3018, 0.5606
Android (android.graphics.Color)	4282178876 (0xFF3CDD3C)
YUV	154.5070, -46.5920, -82.8826
Hunter-Lab	72.8010, -57.4357, 40.3725

Details

The Hex color **3CDD3C** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark muted green. A complement of this color would be **DD3CDD**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **82FF75**, and **00A400** is the 20% darker color. If you saturate the color by 10%, you get **26DD26**, and if you desaturate by 10%, it is **52DD52**.

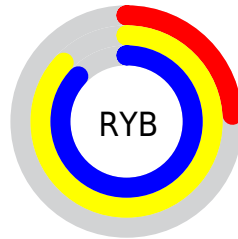
Distribution



Red (24%)

Green (87%)

Blue (24%)



Red (24%)

Yellow (87%)

Blue (87%)

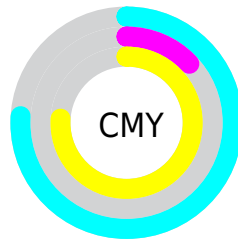


Cyan (73%)

Magenta (0%)

Yellow (73%)

Black (13%)



Cyan (76%)

Magenta (13%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CDD3C 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 3CDD3C by changing the saturation by 10% instead.

 3CDD3C

 3CDD3C

FFFFFF

 00C01A

 82FF75

 00A400

 A2FF91

 008900

 C1FFAD

 006E00

 E0FFCA

 005400

 FFFFE7

 003C00

 002200

 000000

 3CDD3C

 3CDD3C

 26DD26

 52DD52

 10DD10

 68DD68

 00DD00

 7EDD7E

 94DD94

 ABDDAB

 C1DDC1

 D7DDD7

 EDDDED

 FFDDFF

Harmonies

Analogous

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



B6CC00



3CDD3C



00E598

Triad

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



3CDD3C



00D5FF



FF6091

Complementary

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



3CDD3C



DD3CDD

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.



FF63E8



3CDD3C



5DB9FF

Square

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



3CDD3C



00E3FF



FF8EFF



FF873D

Rectangle

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



3CDD3C



00E7D6



FF8EFF



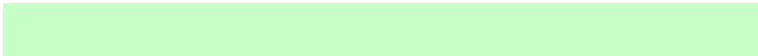
FF5AAE

Sweetspot

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



3CDD3C



C7FFC7



DDDD3C



5E805E



000000



808080

Same Dimension

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



3CDD3C



21FF21



3CDD8D



636E63



00AD00



002E00

Inverse Universe

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



DD3CDD



FF21FF



DD3C8D



6E636E



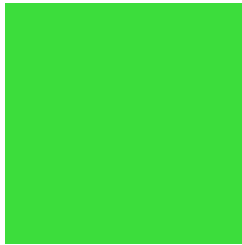
AD00AD



2E002E

Previews

White Background



This preview shows how the Hex color 3CDD3C looks on a white background.

Color Contrast Check

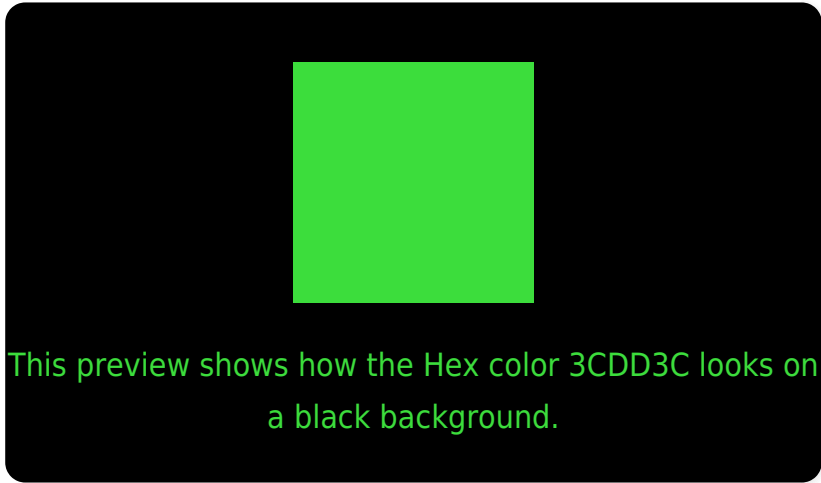
Large Text (above 18pt) WCAG AA × Fail

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 3CDD3C Background



This preview shows how black text looks on a background with the Hex color 3CDD3C.

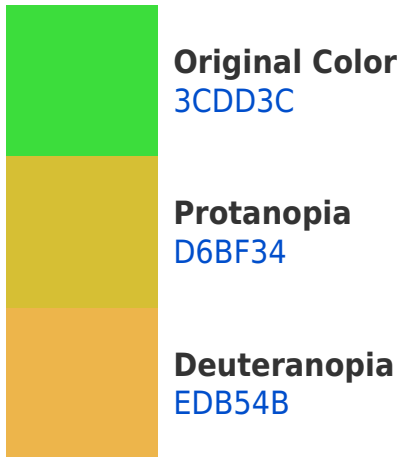


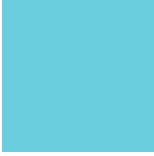
This preview shows how white text looks on a background with the Hex color 3CDD3C.

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](#).

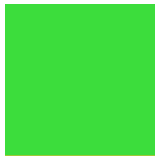
Dichromacy





Tritanopia
6ACEDF

Trichromacy



Original Color
3CDD3C



Protanomaly
9ECA37



Deuteranomaly
ADC446



Tritanomaly
59D3A4

Monochromacy



Original Color
3CDD3C



Achromatopsia
9B9B9B



Achromatomaly
78B378

CSS Examples

Text

The CSS property to change the color of the text to Hex 3CDD3C 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 #3CDD3C looks like.

```
.text, #text, p{  
    color:#3CDD3C  
}
```

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 #3CDD3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CDD3C
}
```

Border

The CSS property to change the border of an element to Hex 3CDD3C 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
#3CDD3C }
```

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

```
.border{ border-color:#3CDD3C }
```

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

Here you see how a box with a 4 pixel #3CDD3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CDD3C; -webkit-box-shadow:4px 4px  
4px 4px #3CDD3C; box-shadow:4px 4px 4px  
4px #3CDD3C }
```

Background

The CSS property to change the background color of an element to Hex 3CDD3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CDD3C }
```

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

```
.background{ background-color:#3CDD3C }
```

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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