

Converting Colors

Hex(3CD119)

Have a look what the booklet for
Hex(3CD119) contains.

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Color

Hex(3CD119)

Conversions

Conversions Part 1

Format	Color
Hex	3CD119
RGB	60, 209, 25
RGB Percent	24%, 82%, 10%
CMY	0.7647, 0.1804, 0.9020
CMYK	0.71, 0.00, 0.88, 0.18
HSL	109°, 79%, 46%
HSV	109°, 88%, 82%
XYZ	24.8394, 46.6318, 8.6114
YIQ	143.4730, -29.7400, -88.8120

Conversions

Conversions Part 2

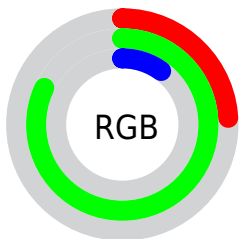
Format	Color
RYB	25, 209, 174
Decimal	3985689
CIELab	73.95, -68.06, 69.24
CIELCh	74, 97.092, 134.506
Yxy	46.6318, 0.3102, 0.5823
Android (android.graphics.Color)	4282175769 (0xFF3CD119)
YUV	143.4730, -58.4072, -73.2058
Hunter-Lab	68.2875, -54.5741, 40.3245

Details

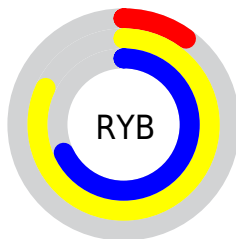
The Hex color **3CD119** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **AE19D1**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **81FF5B**, and **009900** is the 20% darker color. If you saturate the color by 10%, you get **2BD104**, and if you desaturate by 10%, it is **4DD12E**.

Distribution



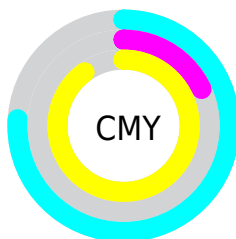
- Red (24%)
- Green (82%)
- Blue (10%)



- Red (10%)
- Yellow (82%)
- Blue (68%)



- Cyan (71%)
- Magenta (0%)
- Yellow (88%)
- Black (18%)



- Cyan (76%)
- Magenta (18%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CD119 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 3CD119 by changing the saturation by 10% instead.

 3CD119

 3CD119

FFFFFF

 00B500

 81FF5B

 009900

 A0FF78

 007E00

 BFFF94

 006400

 DEFFB1

 004A00

 FDFICE

 003200

 FFFFEB

 001600

 000000

 3CD119

 3CD119

 2BD104


 4DD12E

 28D100

 5ED143

 6FD158

 80D16D

 91D182

 A2D196

 B2D1AB

 C3D1C0

 D4D1D5

Harmonies

Analogous

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



B3BF00



3CD119



00DA83

Triad

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



3CD119



00CDFE



FF478F

Complementary

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



3CD119



AE19D1

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.



FF53E8



3CD119



00B2FF

Square

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



3CD119



00DAFF



ED87FF



FF7438

Rectangle

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



3CD119



00DCC1



ED87FF



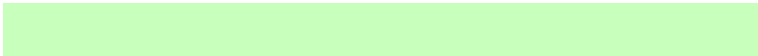
FF42AC

Sweetspot

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



3CD119



C9FFBD



D1AC19



5F8058



000000



808080

Same Dimension

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



3CD119



31FF00



19D150



60695E



20A800



082900

Inverse Universe

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



AE19D1



CE00FF



D1199A



675E69



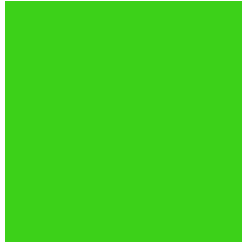
8800A8



210029

Previews

White Background



This preview shows how the Hex color 3CD119 looks on a white background.

Color Contrast Check

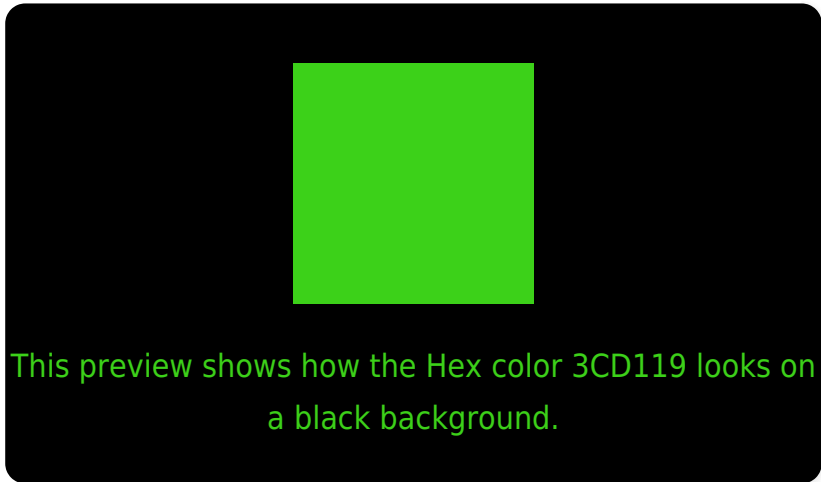
Large Text (above 18pt) WCAG AA × Fail

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 3CD119 Background



This preview shows how black text looks on a background with the Hex color 3CD119.

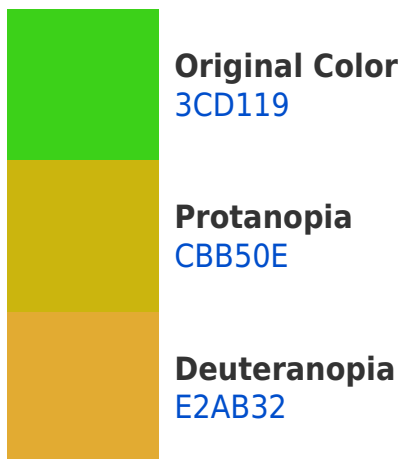


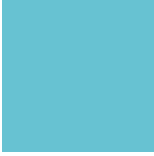
This preview shows how white text looks on a background with the Hex color 3CD119.

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
67C2D2

Trichromacy



Original Color
3CD119



Protanomaly
97BF12



Deuteranomaly
A6B929



Tritanomaly
57C78F

Monochromacy



Original Color
3CD119



Achromatopsia
8F8F8F



Achromatomaly
71A764

CSS Examples

Text

The CSS property to change the color of the text to Hex 3CD119 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 #3CD119 looks like.

```
.text, #text, p{  
    color:#3CD119  
}
```

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 #3CD119 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CD119
}
```

Border

The CSS property to change the border of an element to Hex 3CD119 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
#3CD119 }
```

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

```
.border{ border-color:#3CD119 }
```

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

Here you see how a box with a 4 pixel #3CD119 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CD119; -webkit-box-shadow:4px 4px  
4px 4px #3CD119; box-shadow:4px 4px 4px  
4px #3CD119 }
```

Background

The CSS property to change the background color of an element to Hex 3CD119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CD119 }
```

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

```
.background{ background-color:#3CD119 }
```

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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