

Converting Colors

Hex(3CC866)

Have a look what the booklet for
Hex(3CC866) contains.

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Color

Hex(3CC866)

Conversions

Conversions Part 1

Format	Color
Hex	3CC866
RGB	60, 200, 102
RGB Percent	24%, 78%, 40%
CMY	0.7647, 0.2157, 0.6000
CMYK	0.70, 0.00, 0.49, 0.22
HSL	138°, 56%, 51%
HSV	138°, 70%, 78%
XYZ	24.9160, 43.2285, 19.6011
YIQ	146.9680, -51.9820, -60.1580

Conversions

Conversions Part 2

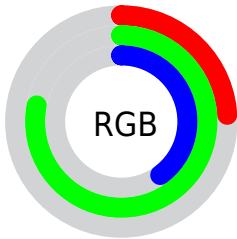
Format	Color
RYB	60, 168, 200
Decimal	3983462
CIELab	71.71, -58.06, 38.30
CIELCh	72, 69.552, 146.592
Yxy	43.2285, 0.2840, 0.4927
Android (android.graphics.Color)	4282173542 (0xFF3CC866)
YUV	146.9680, -22.1692, -76.2709
Hunter-Lab	65.7484, -47.4153, 28.3482

Details

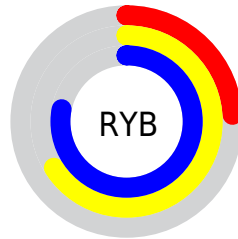
The Hex color **3CC866** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **C83C9E**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **7DFF9B**, and **009134** is the 20% darker color. If you saturate the color by 10%, you get **28C858**, and if you desaturate by 10%, it is **50C874**.

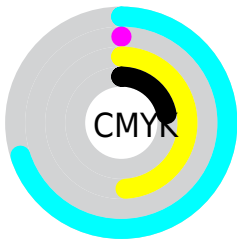
Distribution



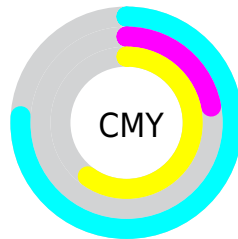
- Red (24%)
- Green (78%)
- Blue (40%)



- Red (24%)
- Yellow (66%)
- Blue (78%)



- Cyan (70%)
- Magenta (0%)
- Yellow (49%)
- Black (22%)



- Cyan (76%)
- Magenta (22%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CC866 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 3CC866 by changing the saturation by 10% instead.



3CC866



3CC866

FFFFFF



05AC4D



7DFF9B



009134



9BFFB6



00761B



B9FFD2



005C00



D7FFE9



004300



F5FFFF



002C00



000C00



000000



3CC866



3CC866

 28C858

 50C874

 14C84A

 64C882

 00C83C

 78C890

 8CC89E

 A0C8AC

 B4C8BA

 C8C8C8

 DCC8D6

 F0C8E4

Harmonies

Analogous

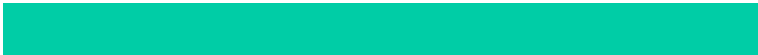
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



99BD31



3CC866



00CDA6

Triad

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



3CC866



00B9FF



FF797B

Complementary

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



3CC866



C83C9E

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.



FF73BA



3CC866



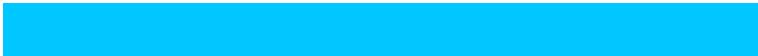
A3A2FF

Square

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



3CC866



00C7FF



F686F7



FF9145

Rectangle

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



3CC866



00CED2



F686F7



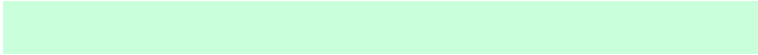
FF748F

Sweetspot

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



3CC866



C9FFDA



9EC83C



608069



000000



808080

Same Dimension

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



3CC866



29FF69



3CC8AC



5A635C



00A331



00240B

Inverse Universe

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



C83C9E



FF29BF



C83C58



635A60



A30072



240019

Previews

White Background



This preview shows how the Hex color 3CC866 looks on a white background.

Color Contrast Check

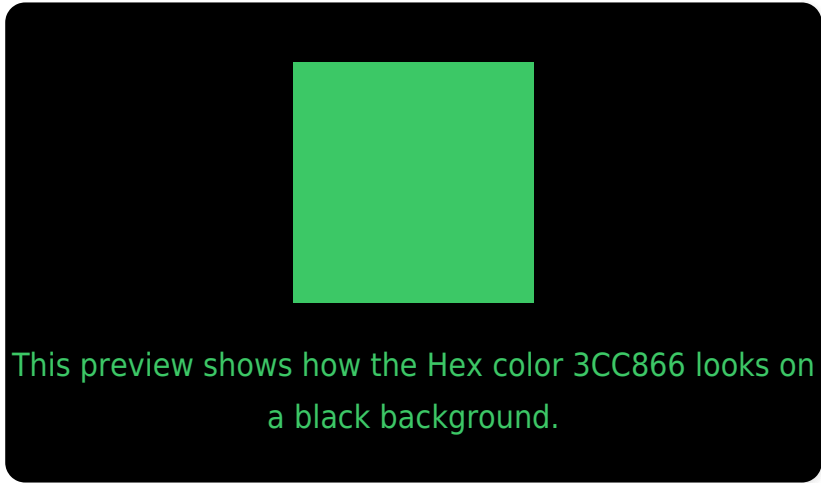
Large Text (above 18pt) WCAG AA × Fail

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

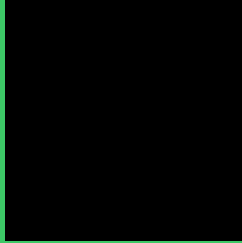
Any Text WCAG AA ✓ Pass

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 3CC866 Background



This preview shows how black text looks on a background with the Hex color 3CC866.

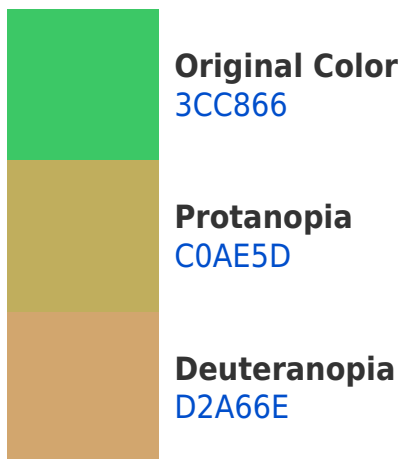


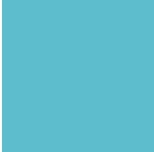
This preview shows how white text looks on a background with the Hex color 3CC866.

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



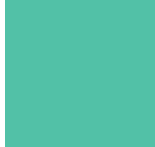
Original Color
3CC866



Protanomaly
90B760



Deuteranomaly
9BB26B



Tritanomaly
52C1A7

Monochromacy



Original Color
3CC866



Achromatopsia
939393



Achromatomaly
73A683

CSS Examples

Text

The CSS property to change the color of the text to Hex 3CC866 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 #3CC866 looks like.

```
.text, #text, p{  
    color:#3CC866  
}
```

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 #3CC866 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CC866
}
```

Border

The CSS property to change the border of an element to Hex 3CC866 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
#3CC866 }
```

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

```
.border{ border-color:#3CC866 }
```

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

Here you see how a box with a 4 pixel #3CC866 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CC866; -webkit-box-shadow:4px 4px  
4px 4px #3CC866; box-shadow:4px 4px 4px  
4px #3CC866 }
```

Background

The CSS property to change the background color of an element to Hex 3CC866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CC866 }
```

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

```
.background{ background-color:#3CC866 }
```

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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