

# Converting Colors

Hex(2CC668)

Have a look what the booklet for  
Hex(2CC668) contains.

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# **Color**

**Hex(2CC668)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2CC668
RGB	44, 198, 104
RGB Percent	17%, 78%, 41%
CMY	0.8275, 0.2235, 0.5922
CMYK	0.78, 0.00, 0.47, 0.22
HSL	143°, 64%, 47%
HSV	143°, 78%, 78%
XYZ	23.7315, 41.9231, 19.9379
YIQ	141.2380, -61.6100, -61.8820

# Conversions

## Conversions Part 2

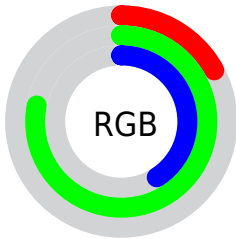
Format	Color
<a href="#">RYB</a>	<a href="#">44, 155, 198</a>
Decimal	<a href="#">2934376</a>
CIELab	<a href="#">70.82, -59.37, 36.11</a>
CIELCh	<a href="#">71, 69.490, 148.687</a>
Yxy	<a href="#">41.9231, 0.2773, 0.4898</a>
Android (android.graphics.Color)	<a href="#">4281124456 (0xFF2CC668)</a>
YUV	<a href="#">141.2380, -18.3583, -85.2777</a>
Hunter-Lab	<a href="#">64.7481, -47.8852, 27.0665</a>

# Details

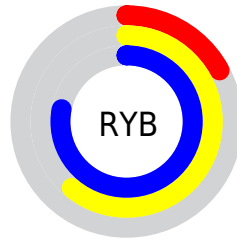
The Hex color **2CC668** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **C62C8A**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **72FF9D**, and **008F36** is the 20% darker color. If you saturate the color by 10%, you get **18C65C**, and if you desaturate by 10%, it is **40C674**.

# Distribution



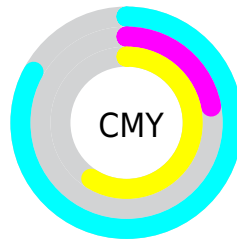
- Red (17%)
- Green (78%)
- Blue (41%)



- Red (17%)
- Yellow (61%)
- Blue (78%)



- Cyan (78%)
- Magenta (0%)
- Yellow (47%)
- Black (22%)



- Cyan (83%)
- Magenta (22%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2CC668 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 2CC668 by changing the saturation by 10% instead.



 2CC668

 2CC668

FFFFFF

 00AA4F

 72FF9D

 008F36

 91FFB8

 00741E

 AFFFD4

 005A02

 CDFFF1

 004100

 ECFFFF

 002A00

 000600

 000000

 2CC668

 2CC668

 18C65C

 40C674

 04C650

 54C680

 00C64D

 67C68C

 7BC698

 8FC6A4

 A3C6B1

 B7C6BD

 CAC6C9

 DEC6D5

# Harmonies

## Analogous

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



91BB32



2CC668



00CBA8

# Triad

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



2CC668



00B5FF



FF7874

# Complementary

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



2CC668



C62C8A

# 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.



FF70B3



2CC668



A89EFF

# Square

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



2CC668



00C4FF



F782F0



FF913F

# Rectangle

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



2CC668



00CBD4



F782F0



FF7389

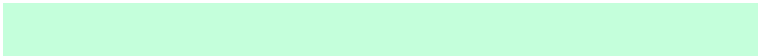


# Sweetspot

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



2CC668



C4FFDB



8BC62C



5C806A



000000



808080



# Same Dimension

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



2CC668



12FF6E



2CC6B4



5A635D



00A340



00240E



# Inverse Universe

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



C62C8A



FF12A3



C62C3E



635A60



A30064



240016



# Previews

## White Background



This preview shows how the Hex color 2CC668 looks on a white background.

## Color Contrast Check

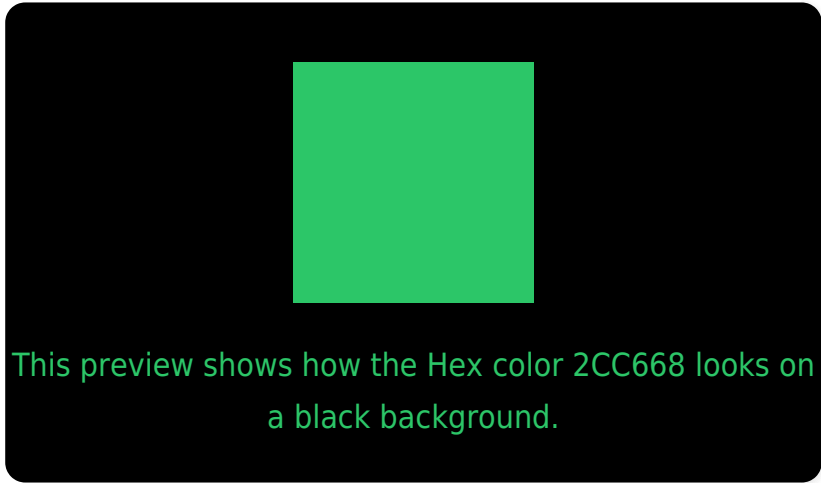
Large Text (above 18pt) WCAG AA × Fail

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 2CC668 Background



This preview shows how black text looks on a background with the Hex color 2CC668.

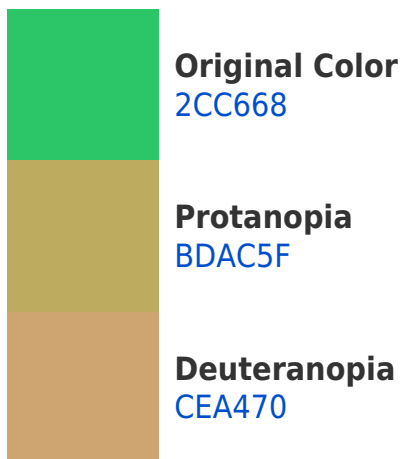


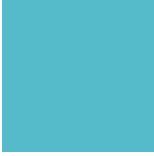
This preview shows how white text looks on a background with the Hex color 2CC668.

# 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**  
55BBCA

# Trichromacy



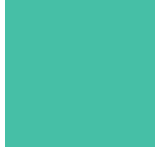
**Original Color**  
2CC668



**Protanomaly**  
88B562



**Deuteranomaly**  
93B06D



**Tritanomaly**  
46BFA6

# Monochromacy



**Original Color**  
2CC668



**Achromatopsia**  
8D8D8D



**Achromatomaly**  
6AA280

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2CC668 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 #2CC668 looks like.

```
.text, #text, p{  
    color:#2CC668  
}
```

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 #2CC668 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CC668  
}
```

## Border

The CSS property to change the border of an element to Hex 2CC668 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  
#2CC668 }
```

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

```
.border{ border-color:#2CC668 }
```

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

Here you see how a box with a 4 pixel #2CC668 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CC668; -webkit-box-shadow:4px 4px  
4px 4px #2CC668; box-shadow:4px 4px 4px  
4px #2CC668 }
```

# Background

The CSS property to change the background color of an element to Hex 2CC668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CC668 }
```

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

```
.background{ background-color:#2CC668 }
```

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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