

# Converting Colors

Hex(2CC469)

Have a look what the booklet for  
Hex(2CC469) contains.

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**Color**

**Hex(2CC469)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2CC469
RGB	44, 196, 105
RGB Percent	17%, 77%, 41%
CMY	0.8275, 0.2314, 0.5882
CMYK	0.78, 0.00, 0.46, 0.23
HSL	144°, 63%, 47%
HSV	144°, 78%, 77%
XYZ	23.3284, 41.0352, 20.0557
YIQ	140.1780, -61.3810, -60.5250

# Conversions

## Conversions Part 2

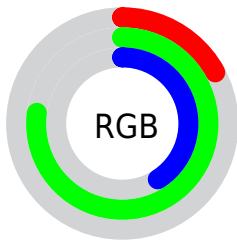
Format	Color
<a href="#">RYB</a>	<a href="#">44, 152, 196</a>
Decimal	<a href="#">2933865</a>
CIELab	<a href="#">70.20, -58.50, 34.83</a>
CIELCh	<a href="#">70, 68.082, 149.233</a>
Yxy	<a href="#">41.0352, 0.2763, 0.4861</a>
Android (android.graphics.Color)	<a href="#">4281123945 (0xFF2CC469)</a>
YUV	<a href="#">140.1780, -17.3428, -84.3481</a>
Hunter-Lab	<a href="#">64.0588, -47.0980, 26.2785</a>

# Details

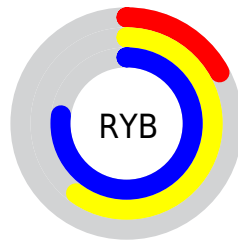
The Hex color **2CC469** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **C42C87**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **72FE9D**, and **008D37** is the 20% darker color. If you saturate the color by 10%, you get **18C45D**, and if you desaturate by 10%, it is **40C475**.

# Distribution



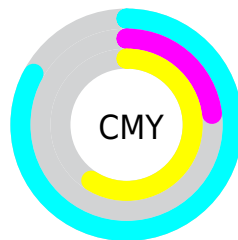
- Red (17%)
- Green (77%)
- Blue (41%)



- Red (17%)
- Yellow (60%)
- Blue (77%)



- Cyan (78%)
- Magenta (0%)
- Yellow (46%)
- Black (23%)



- Cyan (83%)
- Magenta (23%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2CC469 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 2CC469 by changing the saturation by 10% instead.



 2CC469

 2CC469

FFFFFF

 00A850

 72FE9D

 008D37

 90FFB9

 00721F

 AEFFD5

 005804

 CDFFF1

 003F00

 EBFFFF

 002800

 000100

 000000

 2CC469

 2CC469

 18C45D

 40C475

 05C452

 53C480

 00C44F

 67C48C

 7AC498

 8EC4A4

 A2C4AF

 B5C4BB

 C9C4C7

 DCC4D3

# Harmonies

## Analogous

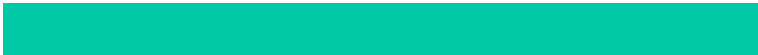
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8FBA34



2CC469



00C9A8

# Triad

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



2CC469



00B3FF



FF7873

# Complementary

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



2CC469



C42C87

# 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.



FF70B0



2CC469



A89CFF

# Square

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



2CC469



00C2FF



F581EC



FC903F

# Rectangle

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



2CC469



00C9D3



F581EC



FF7387

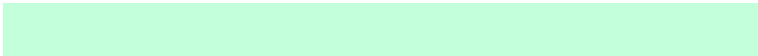


# Sweetspot

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



2CC469



C4FFDC



87C42C



5C806A



000000



808080



# Same Dimension

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



2CC469



12FF71



2CC4B5



57615B



00A140



00210D



# Inverse Universe

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



C42C87



FF12A0



C42C3B



61575D



A10060



210014



# Previews

## White Background



This preview shows how the Hex color 2CC469 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



This preview shows how the Hex color 2CC469 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

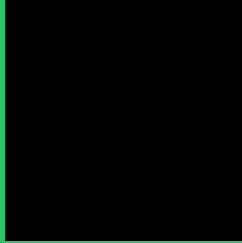
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2CC469 Background



This preview shows how black text looks on a background with the Hex color 2CC469.

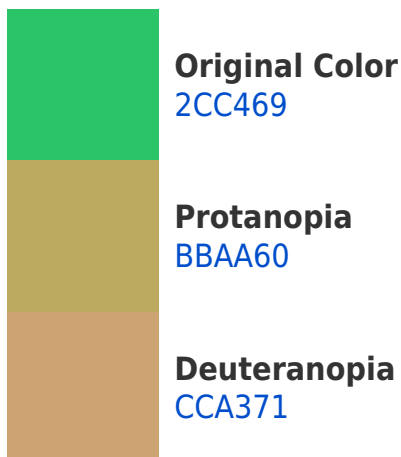


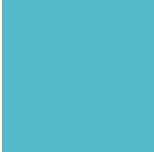
This preview shows how white text looks on a background with the Hex color 2CC469.

# 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**  
54B9C8

# Trichromacy



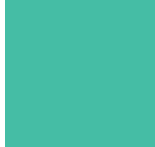
**Original Color**  
2CC469



**Protanomaly**  
87B363



**Deuteranomaly**  
92AF6E



**Tritanomaly**  
45BDA5

# Monochromacy



**Original Color**  
2CC469



**Achromatopsia**  
8C8C8C



**Achromatomaly**  
69A07F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2CC469 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 #2CC469 looks like.

```
.text, #text, p{  
    color:#2CC469  
}
```

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 #2CC469 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CC469
}
```

## Border

The CSS property to change the border of an element to Hex 2CC469 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
#2CC469 }
```

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

```
.border{ border-color:#2CC469 }
```

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

Here you see how a box with a 4 pixel #2CC469 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CC469; -webkit-box-shadow:4px 4px  
4px 4px #2CC469; box-shadow:4px 4px 4px  
4px #2CC469 }
```

# Background

The CSS property to change the background color of an element to Hex 2CC469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CC469 }
```

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

```
.background{ background-color:#2CC469 }
```

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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