

Converting Colors

Hex(2CC72F)

Have a look what the booklet for
Hex(2CC72F) contains.

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Color

Hex(2CC72F)

Conversions

Conversions Part 1

Format	Color
Hex	2CC72F
RGB	44, 199, 47
RGB Percent	17%, 78%, 18%
CMY	0.8275, 0.2196, 0.8157
CMYK	0.78, 0.00, 0.76, 0.22
HSL	121°, 64%, 48%
HSV	121°, 78%, 78%
XYZ	21.9752, 41.5876, 9.5583
YIQ	135.3270, -43.5880, -80.1320

Conversions

Conversions Part 2

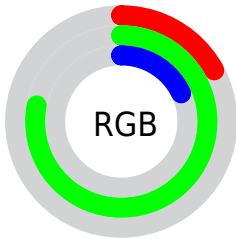
Format	Color
RYB	44, 196, 199
Decimal	2934575
CIELab	70.59, -66.33, 60.40
CIELCh	71, 89.712, 137.681
Yxy	41.5876, 0.3005, 0.5687
Android (android.graphics.Color)	4281124655 (0xFF2CC72F)
YUV	135.3270, -43.5452, -80.0938
Hunter-Lab	64.4884, -52.0287, 36.3541

Details

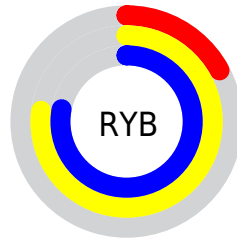
The Hex color **2CC72F** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **C72CC4**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **75FF68**, and **008F00** is the 20% darker color. If you saturate the color by 10%, you get **18C71B**, and if you desaturate by 10%, it is **40C743**.

Distribution



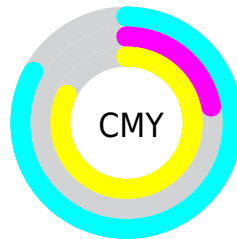
- Red (17%)
- Green (78%)
- Blue (18%)



- Red (17%)
- Yellow (77%)
- Blue (78%)



- Cyan (78%)
- Magenta (0%)
- Yellow (76%)
- Black (22%)



- Cyan (83%)
- Magenta (22%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2CC72F 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 2CC72F by changing the saturation by 10% instead.

 2CC72F

 2CC72F

FFFFFF

 00AB06

 75FF68

 008F00

 94FF83

 007500

 B3FF9F

 005B00

 D1FFBB

 004100

 F0FFD8

 002900

 FFFFF6

 000400

 000000

 2CC72F

 2CC72F

 18C71B

 40C743

 04C708

 54C756

 00C704

 68C76A

 7CC77D

 90C791

 A3C7A4

 B7C7B8

 CBC7CB

 DFC7DF

Harmonies

Analogous

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



A2B800



2CC72F



00CF87

Triad

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



2CC72F



00C0FF



FF5080

Complementary

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



2CC72F



C72CC4

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.



FF53D2



2CC72F



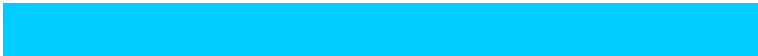
48A6FF

Square

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



2CC72F



00CDFE



EB7DFE



FF7632

Rectangle

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



2CC72F



00D1C0



EB7DFF



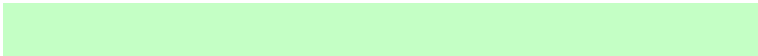
FF4A9B

Sweetspot

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



2CC72F



C4FFC5



C4C72C



5C805C



000000



808080

Same Dimension

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



2CC72F



12FF16



2CC77C



5A635A



00A303



002401

Inverse Universe

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



C72CC4



FF12FA



C72C77



635A63



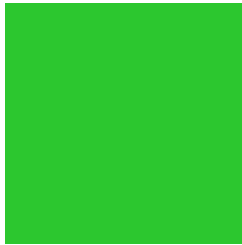
A300A0



240023

Previews

White Background



This preview shows how the Hex color 2CC72F looks on a white background.

Color Contrast Check

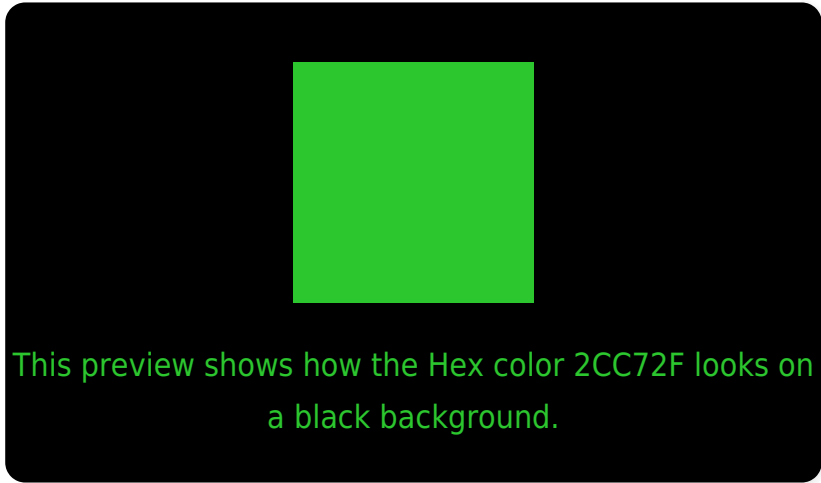
Large Text (above 18pt) WCAG AA × Fail

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 2CC72F Background



This preview shows how black text looks on a background with the Hex color 2CC72F.

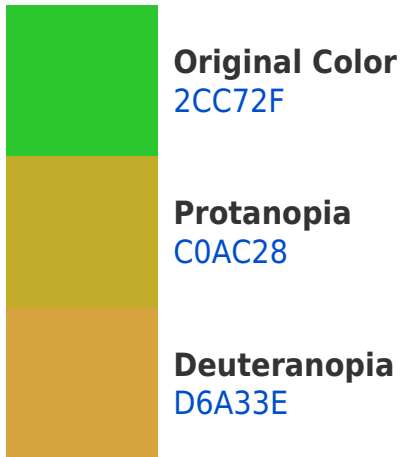


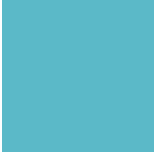
This preview shows how white text looks on a background with the Hex color 2CC72F.

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](#).

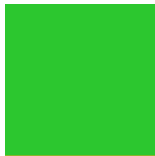
Dichromacy





Tritanopia
5BB9C8

Trichromacy



Original Color
2CC72F



Protanomaly
8AB62B



Deuteranomaly
98B039



Tritanomaly
4ABE90

Monochromacy



Original Color
2CC72F



Achromatopsia
878787



Achromatomaly
669E67

CSS Examples

Text

The CSS property to change the color of the text to Hex 2CC72F 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 #2CC72F looks like.

```
.text, #text, p{  
    color:#2CC72F  
}
```

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 #2CC72F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CC72F
}
```

Border

The CSS property to change the border of an element to Hex 2CC72F 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
#2CC72F }
```

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

```
.border{ border-color:#2CC72F }
```

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

Here you see how a box with a 4 pixel #2CC72F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CC72F; -webkit-box-shadow:4px 4px  
4px 4px #2CC72F; box-shadow:4px 4px 4px  
4px #2CC72F }
```

Background

The CSS property to change the background color of an element to Hex 2CC72F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CC72F }
```

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

```
.background{ background-color:#2CC72F }
```

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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