

Converting Colors

Hex(2CC82C)

Have a look what the booklet for
Hex(2CC82C) contains.

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Color

Hex(2CC82C)

Conversions

Conversions Part 1

Format	Color
Hex	2CC82C
RGB	44, 200, 44
RGB Percent	17%, 78%, 17%
CMY	0.8275, 0.2157, 0.8275
CMYK	0.78, 0.00, 0.78, 0.22
HSL	120°, 64%, 48%
HSV	120°, 78%, 78%
XYZ	22.1476, 42.0259, 9.3274
YIQ	135.5720, -42.9000, -81.5880

Conversions

Conversions Part 2

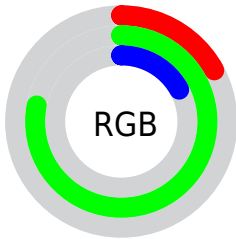
Format	Color
RYB	44, 200, 200
Decimal	2934828
CIELab	70.89, -66.84, 61.64
CIELCh	71, 90.926, 137.316
Yxy	42.0259, 0.3013, 0.5718
Android (android.graphics.Color)	4281124908 (0xFF2CC82C)
YUV	135.5720, -45.1450, -80.3086
Hunter-Lab	64.8274, -52.4652, 36.8485

Details

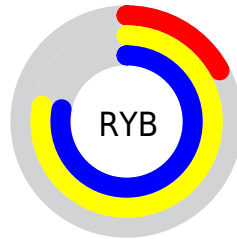
The Hex color **2CC82C** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **C82CC8**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **75FF66**, and **009000** is the 20% darker color. If you saturate the color by 10%, you get **18C818**, and if you desaturate by 10%, it is **40C840**.

Distribution



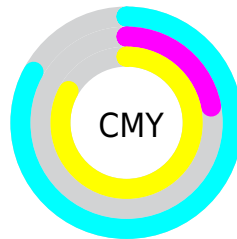
- Red (17%)
- Green (78%)
- Blue (17%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2CC82C 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 2CC82C by changing the saturation by 10% instead.

 2CC82C


 2CC82C

FFFFFF

 00AC00

 75FF66

 009000

 94FF81

 007600

 B3FF9D

 005B00

 D2FFBA

 004200

 F1FFD6

 002A00

 FFFFF4

 000600

 000000

 2CC82C

 2CC82C

 18C818

 40C840

 04C804

 54C854

 00C800

 68C868

 7CC87C

 90C890

 A4C8A4

 B8C8B8

 CCC8CC

 E0C8E0

Harmonies

Analogous

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



A4B800



2CC82C



00D086

Triad

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



2CC82C



00C2FF



FF4E82

Complementary

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



2CC82C



C82CC8

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.



FF52D4



2CC82C



40A7FF

Square

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



2CC82C



00CEFF



EB7EFF



FF7632

Rectangle

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



2CC82C



00D2C0



EB7EFF



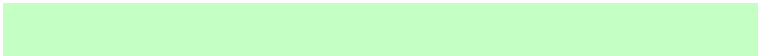
FF479D

Sweetspot

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



2CC82C



C4FFC4



C8C82C



5C805C



000000



808080

Same Dimension

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



2CC82C



0FFF0F



2CC87A



5A635A



00A300



002400

Inverse Universe

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



C82CC8



FF0FFF



C82C7A



635A63



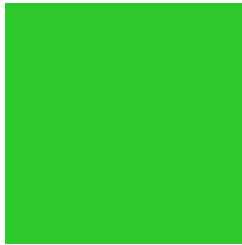
A300A3



240024

Previews

White Background



This preview shows how the Hex color 2CC82C looks on a white background.

Color Contrast Check

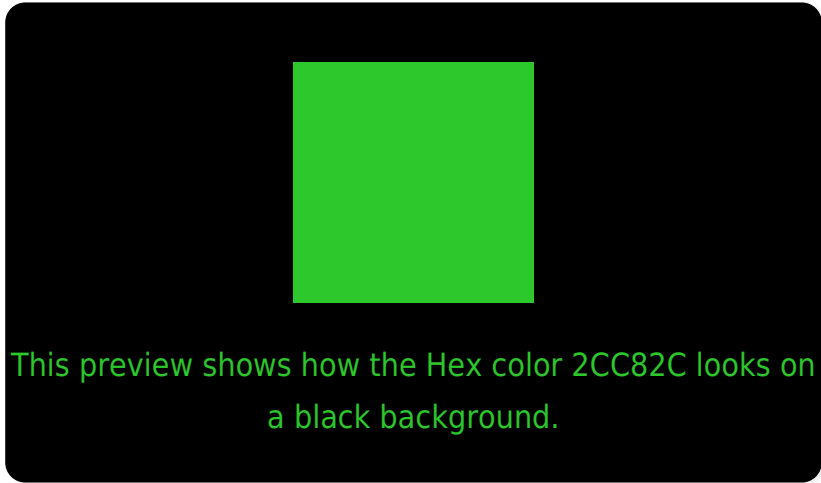
Large Text (above 18pt) WCAG AA × Fail

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 2CC82C Background



This preview shows how black text looks on a background with the Hex color 2CC82C.

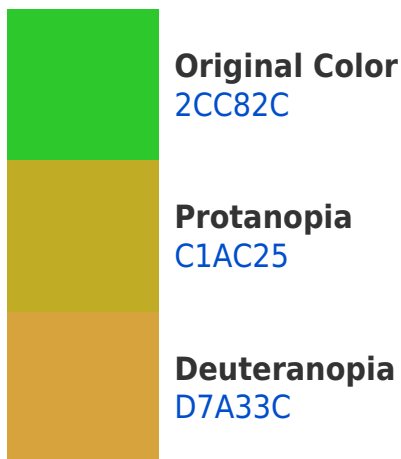


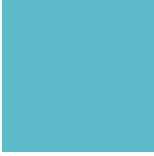
This preview shows how white text looks on a background with the Hex color 2CC82C.

Color Blindness Simulation

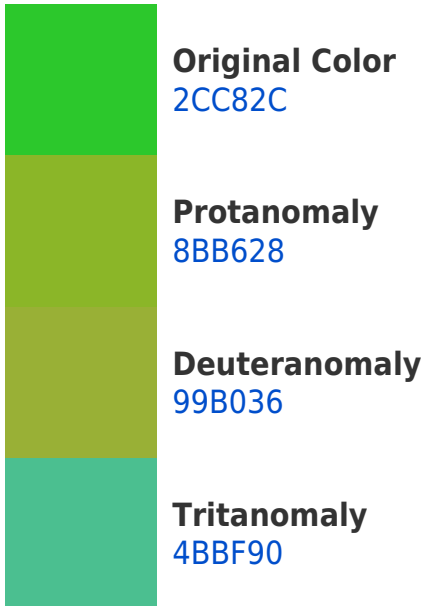
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

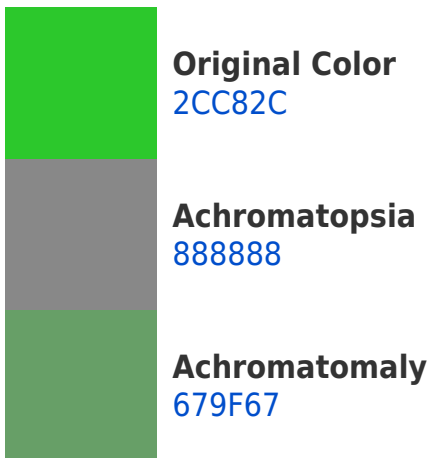




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2CC82C 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 #2CC82C looks like.

```
.text, #text, p{  
    color:#2CC82C  
}
```

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 #2CC82C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CC82C
}
```

Border

The CSS property to change the border of an element to Hex 2CC82C 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
#2CC82C }
```

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

```
.border{ border-color:#2CC82C }
```

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

Here you see how a box with a 4 pixel #2CC82C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CC82C; -webkit-box-shadow:4px 4px  
4px 4px #2CC82C; box-shadow:4px 4px 4px  
4px #2CC82C }
```

Background

The CSS property to change the background color of an element to Hex 2CC82C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CC82C }
```

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

```
.background{ background-color:#2CC82C }
```

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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