

Converting Colors

Hex(23CC4C)

Have a look what the booklet for
Hex(23CC4C) contains.

| | |
|--|----|
| Hex(23CC4C) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(23CC4C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 23CC4C |
| RGB | 35, 204, 76 |
| RGB Percent | 14%, 80%, 30% |
| CMY | 0.8627, 0.2000, 0.7020 |
| CMYK | 0.83, 0.00, 0.63, 0.20 |
| HSL | 135°, 71%, 47% |
| HSV | 135°, 83%, 80% |
| XYZ | 23.5905, 44.0649, 14.0995 |
| YIQ | 138.8770, -59.6360, -75.6360 |

Conversions

Conversions Part 2

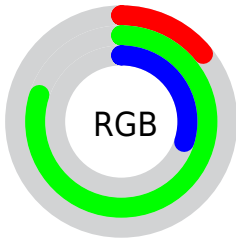
| Format | Color |
|-------------------------------------|--|
| RYB | 35, 171, 204 |
| Decimal | 2346060 |
| CIELab | 72.27, -66.26, 51.01 |
| CIELCh | 72, 83.620, 142.410 |
| Yxy | 44.0649, 0.2886, 0.5390 |
| Android (android.graphics.Color) | 4280536140 (0xFF23CC4C) |
| YUV | 138.8770, -30.9984, -91.1001 |
| Hunter-Lab | 66.3814, -52.7323, 33.8737 |

Details

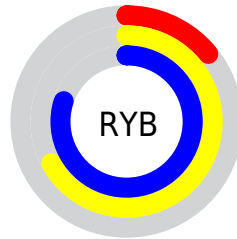
The Hex color **23CC4C** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **CC23A3**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **70FF81**, and **009412** is the 20% darker color. If you saturate the color by 10%, you get **0FCC3D**, and if you desaturate by 10%, it is **37CC5B**.

Distribution



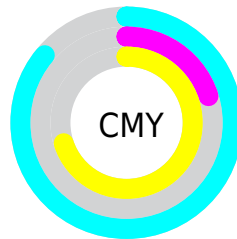
- Red (14%)
- Green (80%)
- Blue (30%)



- Red (14%)
- Yellow (67%)
- Blue (80%)



- Cyan (83%)
- Magenta (0%)
- Yellow (63%)
- Black (20%)



- Cyan (86%)
- Magenta (20%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23CC4C 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 23CC4C by changing the saturation by 10% instead.

 23CC4C

 23CC4C

FFFFFF

 00B031


 70FF81

 009412

 90FF9D

 007900

 AFFF88


 005F00

 CDFFD5

 004500

 ECFF2

 002E00

 000F00

 000000

 23CC4C

 23CC4C

0FCC3D

37CC5B

00CC31

4CCC6B

60CC7A

75CC8A

89CC99

9DCCA9

B2CCB8

C6CCC8

DBCCD7

Harmonies

Analogous

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



9DBE00



23CC4C



00D39B

Triad

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



23CC4C



00C0FF



FF657C

Complementary

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



23CC4C



CC23A3

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.



FF60C8



23CC4C



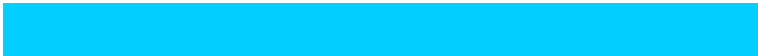
84A5FF

Square

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



23CC4C



00CFFF



F980FF



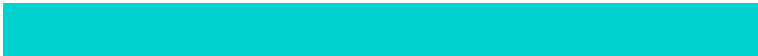
FF8635

Rectangle

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



23CC4C



00D4D0



F980FF



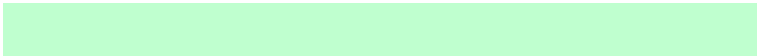
FF5E95

Sweetspot

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



23CC4C



BFFFCF



A5CC23



598063



000000



808080

Same Dimension

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



23CC4C



03FF40



23CC9F



5C665E



00A628



002609

Inverse Universe

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



CC23A3



FF03C2



CC2350



665C64



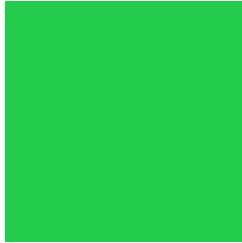
A6007E



26001D

Previews

White Background



This preview shows how the Hex color 23CC4C looks on a white background.

Color Contrast Check

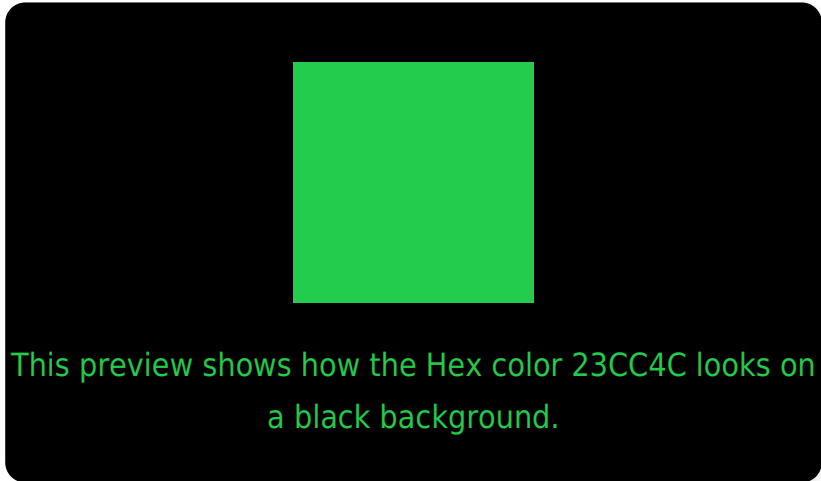
Large Text (above 18pt) WCAG AA × Fail

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 23CC4C Background



This preview shows how black text looks on a background with the Hex color 23CC4C.

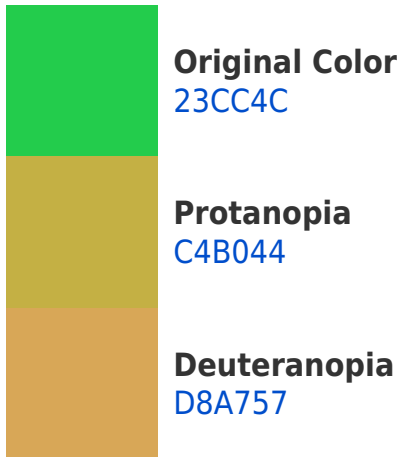


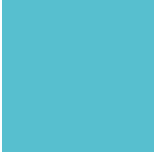
This preview shows how white text looks on a background with the Hex color 23CC4C.

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
57BFCF

Trichromacy



Original Color
23CC4C



Protanomaly
89BA47



Deuteranomaly
96B453



Tritanomaly
44C49F

Monochromacy



Original Color
23CC4C



Achromatopsia
8B8B8B



Achromatomaly
65A374

CSS Examples

Text

The CSS property to change the color of the text to Hex 23CC4C 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 #23CC4C looks like.

```
.text, #text, p{  
    color:#23CC4C  
}
```

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 #23CC4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23CC4C
}
```

Border

The CSS property to change the border of an element to Hex 23CC4C 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
#23CC4C }
```

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

```
.border{ border-color:#23CC4C }
```

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

Here you see how a box with a 4 pixel #23CC4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23CC4C; -webkit-box-shadow:4px 4px  
4px 4px #23CC4C; box-shadow:4px 4px 4px  
4px #23CC4C }
```

Background

The CSS property to change the background color of an element to Hex 23CC4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23CC4C }
```

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

```
.background{ background-color:#23CC4C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor