

Converting Colors

Hex(2CB922)

Have a look what the booklet for
Hex(2CB922) contains.

| | |
|------------------------------------------------|----|
| Hex(2CB922) | 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(2CB922)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 2CB922 |
| RGB | 44, 185, 34 |
| RGB Percent | 17%, 73%, 13% |
| CMY | 0.8275, 0.2745, 0.8667 |
| CMYK | 0.76, 0.00, 0.82, 0.27 |
| HSL | 116°, 69%, 43% |
| HSV | 116°, 82%, 73% |
| XYZ | 18.6764, 35.3489, 7.3520 |
| YIQ | 125.6270, -35.5650, -76.8530 |

Conversions

Conversions Part 2

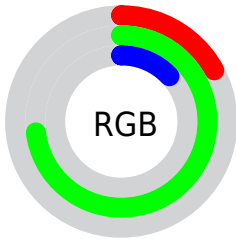
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 34, 185, 175 |
| Decimal | 2930978 |
| CIELab | 66.02, -62.85, 59.97 |
| CIElCh | 66, 86.870, 136.342 |
| Yxy | 35.3489, 0.3043, 0.5759 |
| Android (android.graphics.Color) | 4281121058 (0xFF2CB922) |
| YUV | 125.6270, -45.1721, -71.5869 |
| Hunter-Lab | 59.4549, -47.9745, 34.2868 |

Details

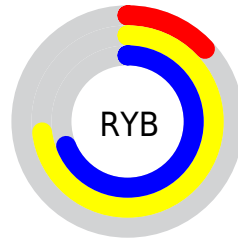
The Hex color **2CB922** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **AF22B9**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **72F25C**, and **008200** is the 20% darker color. If you saturate the color by 10%, you get **1BB910**, and if you desaturate by 10%, it is **3DB935**.

Distribution



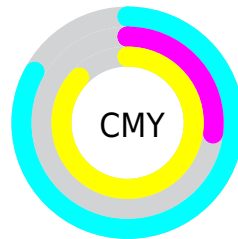
- Red (17%)
- Green (73%)
- Blue (13%)



- Red (13%)
- Yellow (73%)
- Blue (69%)



- Cyan (76%)
- Magenta (0%)
- Yellow (82%)
- Black (27%)



- Cyan (83%)
- Magenta (27%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2CB922 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 2CB922 by changing the saturation by 10% instead.

 2CB922

 2CB922

FFFFFF

 009D00

 72F25C

 008200

 90FF78

 006800

 AFFF94

 004E00

 CDFFB0

 003700

 EBF9CC

 001D00

 FFFF99

 000000

 2CB922

 2CB922

 1BB910

 3DB935

0CB900

4FB947

60B95A

71B96C

82B97F

94B991

A5B9A4

B6B9B6

C7B9C9

Harmonies

Analogous

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



9AAA00



2CB922



00C079

Triad

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



2CB922



00B4FF



FF447A

Complementary

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



2CB922



AF22B9

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.



FF4AC7



2CB922



239BFF

Square

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



2CB922



00C0FF



D775FF



FF6A2E

Rectangle

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



2CB922



00C2AF



D775FF



FF3F93

Sweetspot

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



2CB922



BAF0B6



B9AF22



577855



F7F7F7



787878

Same Dimension

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



2CB922



14F005



22B963



535C53



0A9C00



021C00

Inverse Universe

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



AF22B9



E005F0



B92278



5B535C



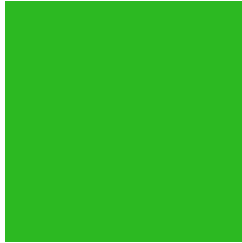
91009C



1A001C

Previews

White Background



This preview shows how the Hex color 2CB922 looks on a white background.

Color Contrast Check

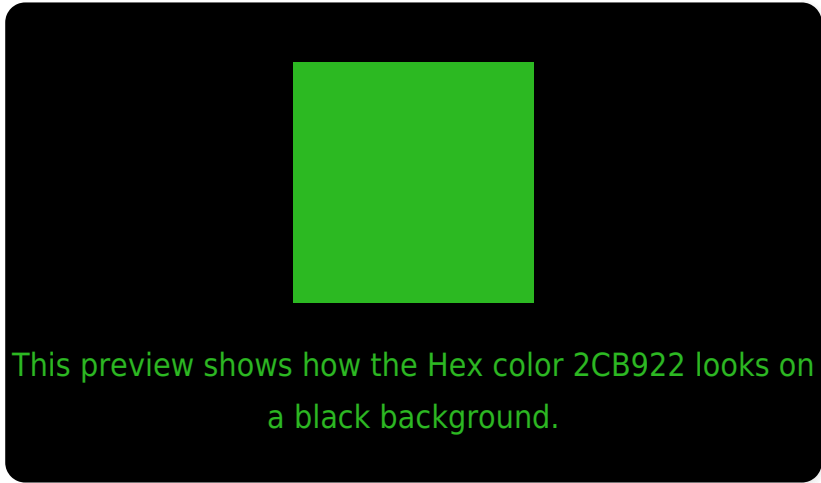
Large Text (above 18pt) WCAG AA × Fail

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 2CB922 Background



This preview shows how black text looks on a background with the Hex color 2CB922.



This preview shows how white text looks on a background with the Hex color 2CB922.

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

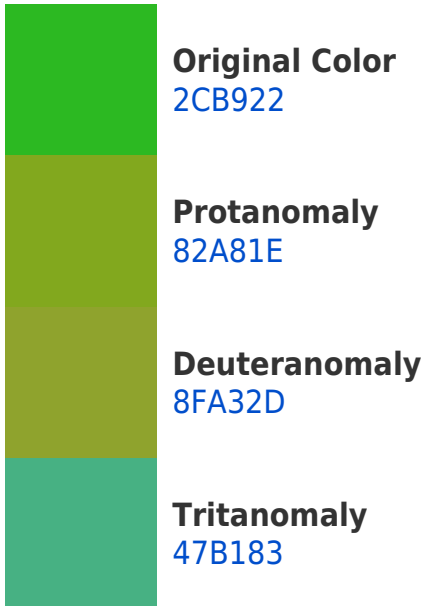


Original Color
2CB922

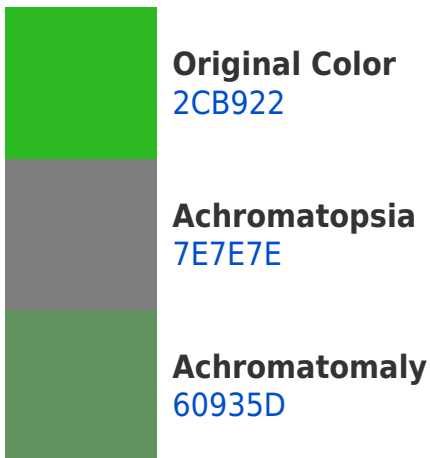
Protanopia
B39F1B

Deuteranopia
C79733

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2CB922 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 #2CB922 looks like.

```
.text, #text, p{  
    color:#2CB922  
}
```

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 #2CB922 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CB922
}
```

Border

The CSS property to change the border of an element to Hex 2CB922 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".

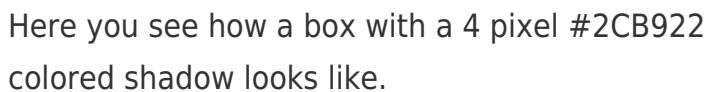
```
.border, #border, table{ border:4px solid
#2CB922 }
```

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

```
.border{ border-color:#2CB922 }
```

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

Here you see how a box with a 4 pixel #2CB922 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CB922; -webkit-box-shadow:4px 4px  
4px 4px #2CB922; box-shadow:4px 4px 4px  
4px #2CB922 }
```

Background

The CSS property to change the background color of an element to Hex 2CB922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CB922 }
```

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

```
.background{ background-color:#2CB922 }
```

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