

# Converting Colors

Hex(2CBA1B)

Have a look what the booklet for  
Hex(2CBA1B) contains.

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# Color

Hex(2CBA1B)

# Conversions

## Conversions Part 1

Format	Color
Hex	2CBA1B
RGB	44, 186, 27
RGB Percent	17%, 73%, 11%
CMY	0.8275, 0.2706, 0.8941
CMYK	0.76, 0.00, 0.85, 0.27
HSL	114°, 75%, 42%
HSV	114°, 85%, 73%
XYZ	18.7954, 35.7324, 6.9433
YIQ	125.4160, -33.5930, -79.5530

# Conversions

## Conversions Part 2

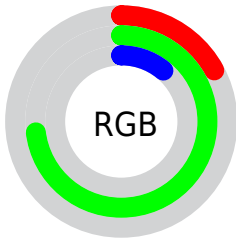
Format	Color
R <sub>Y</sub> B	27, 186, 169
Decimal	2931227
CIE Lab	66.31, -63.51, 62.02
CIE LCh	66, 88.765, 135.678
Yxy	35.7324, 0.3058, 0.5813
Android (android.graphics.Color)	4281121307 (0xFF2CBA1B)
YUV	125.4160, -48.5191, -71.4018
Hunter-Lab	59.7766, -48.4836, 34.9568

# Details

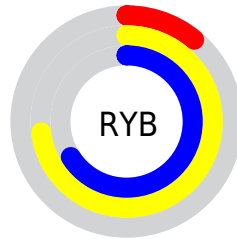
The Hex color **2CBA1B** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **A91BBA**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **72F358**, and **008300** is the 20% darker color. If you saturate the color by 10%, you get **1BBA08**, and if you desaturate by 10%, it is **3DBA2E**.

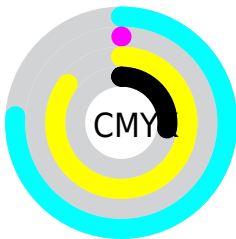
# Distribution



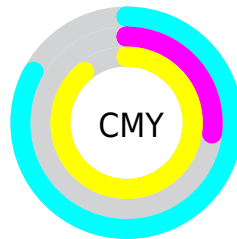
- Red (17%)
- Green (73%)
- Blue (11%)



- Red (11%)
- Yellow (73%)
- Blue (66%)



- Cyan (76%)
- Magenta (0%)
- Yellow (85%)
- Black (27%)



- Cyan (83%)
- Magenta (27%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2CBA1B 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 2CBA1B by changing the saturation by 10% instead.



 2CBA1B

 2CBA1B


FFFFFF

 009E00

 72F358

 008300

 91FF74

 006900

 AFFF90

 004F00

 CEFFAC

 003800

 ECFFC8

 001E00

 FFFFE6

 000000

 2CBA1B

 2CBA1B

 1BBA08

 3DBA2E

 14BA00

 4DBA40

 5EBA53

 6EBA65

 7FBA78

 90BA8B

 A0BA9D

 B1BAB0

 C2BAC2

# Harmonies

## Analogous

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



9CAA00



2CBA1B



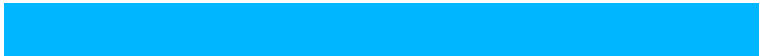
00C277

# Triad

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



2CBA1B



00B6FF



FF407B

# Complementary

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



2CBA1B



A91BBA

# 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.



FF48CB



2CBA1B



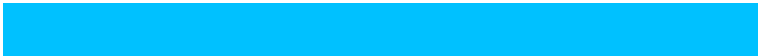
009DFF

# Square

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



2CBA1B



00C1FF



D775FF



FF682E

# Rectangle

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



2CBA1B



00C4AF



D775FF



FF3A96

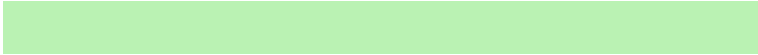


# Sweetspot

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



2CBA1B



BAF2B3



BAA71B



597A54



FAFAFA



7A7A7A



# Same Dimension

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



2CBA1B



1AF200



1BBA58



545C53



119C00



031C00



# Inverse Universe

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



A91BBA



D800F2



BA1B7D



5B535C



8B009C



19001C



# Previews

## White Background



This preview shows how the Hex color 2CBA1B looks on a white background.

## Color Contrast Check

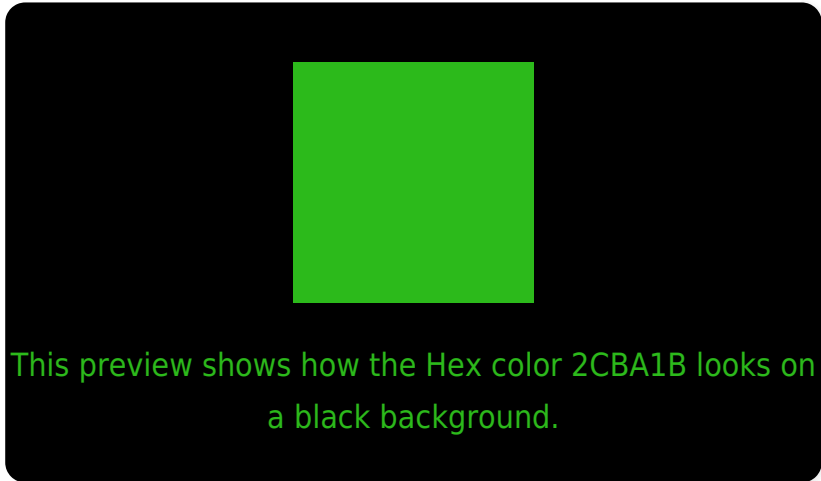
Large Text (above 18pt) WCAG AA × Fail

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 2CBA1B Background



This preview shows how black text looks on a background with the Hex color 2CBA1B.

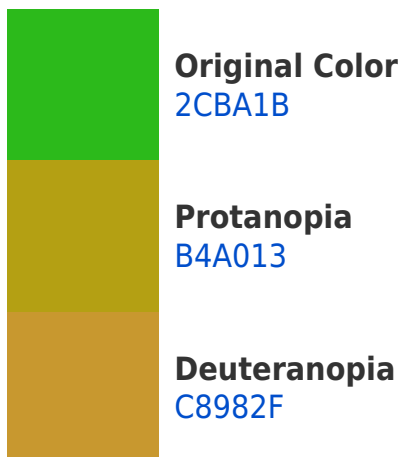


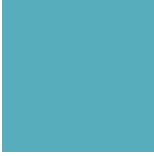
This preview shows how white text looks on a background with the Hex color 2CBA1B.

# 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**  
57ADBB

# Trichromacy



**Original Color**  
2CBA1B



**Protanomaly**  
83A916



**Deuteranomaly**  
8FA428



**Tritanomaly**  
47B281

# Monochromacy



**Original Color**  
2CBA1B



**Achromatopsia**  
7D7D7D



**Achromatomaly**  
609359

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2CBA1B 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 #2CBA1B looks like.

```
.text, #text, p{  
    color:#2CBA1B  
}
```

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 #2CBA1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CBA1B
}
```

## Border

The CSS property to change the border of an element to Hex 2CBA1B 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
#2CBA1B }
```

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

```
.border{ border-color:#2CBA1B }
```

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

Here you see how a box with a 4 pixel #2CBA1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CBA1B; -webkit-box-shadow:4px 4px  
4px 4px #2CBA1B; box-shadow:4px 4px 4px  
4px #2CBA1B }
```

# Background

The CSS property to change the background color of an element to Hex 2CBA1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CBA1B }
```

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

```
.background{ background-color:#2CBA1B }
```

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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