

Converting Colors

Hex(2CB10B)

Have a look what the booklet for
Hex(2CB10B) contains.

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Color

Hex(2CB10B)

Conversions

Conversions Part 1

Format	Color
Hex	2CB10B
RGB	44, 177, 11
RGB Percent	17%, 69%, 4%
CMY	0.8275, 0.3059, 0.9569
CMYK	0.75, 0.00, 0.94, 0.31
HSL	108°, 88%, 37%
HSV	108°, 94%, 69%
XYZ	16.8213, 32.0039, 5.6074
YIQ	118.3090, -25.9820, -79.8220

Conversions

Conversions Part 2

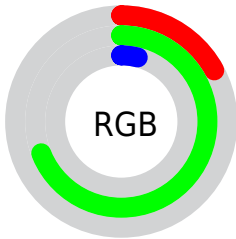
Format	Color
RYB	11, 177, 144
Decimal	2928907
CIELab	63.35, -61.29, 62.39
CIELCh	63, 87.459, 134.487
Yxy	32.0039, 0.3090, 0.5880
Android (android.graphics.Color)	4281118987 (0xFF2CB10B)
YUV	118.3090, -52.9033, -65.1690
Hunter-Lab	56.5720, -45.9254, 33.7236

Details

The Hex color **2CB10B** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **900BB1**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **71EA4F**, and **007B00** is the 20% darker color. If you saturate the color by 10%, you get **23B100**, and if you desaturate by 10%, it is **3AB11D**.

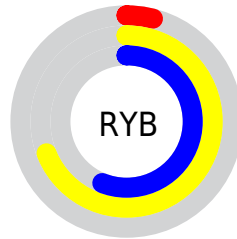
Distribution



Red (17%)

Green (69%)

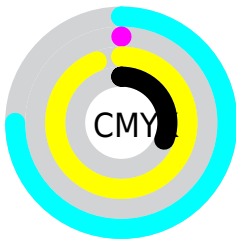
Blue (4%)



Red (4%)

Yellow (69%)

Blue (56%)

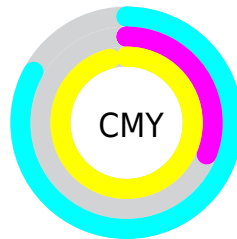


Cyan (75%)

Magenta (0%)

Yellow (94%)

Black (31%)



Cyan (83%)

Magenta (31%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2CB10B 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 2CB10B by changing the saturation by 10% instead.

 2CB10B

 2CB10B

FFFFFF

 009600

 71EA4F

 007B00

 8FFF6B

 006100

 ADFF87

 004700

 CBFFA3

 003100

 EAFFBF

 001400

 FFFFDC

 000000

 FFFFFA

 2CB10B

 2CB10B

 23B100

 3AB11D

 48B12E

 57B140

 65B152

 73B164

 81B175

 8FB187

 9DB199

 ACB1AA

Harmonies

Analogous

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



96A200



2CB10B



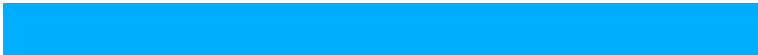
00B96D

Triad

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



2CB10B



00AEFF



FF3677

Complementary

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



2CB10B



900BB1

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.



FF41C5



2CB10B



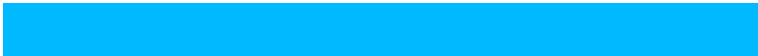
0096FF

Square

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



2CB10B



00B9FF



CA70FF



FF5F2C

Rectangle

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



2CB10B



00BBA3



CA70FF



FF3191

Sweetspot

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



2CB10B



B2E6A5



B1900B



53734C



F2F2F2



737373

Same Dimension

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



2CB10B



2EE600



0BB13D



525950



1E9900



051A00

Inverse Universe

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



900BB1



B800E6



B10B7F



575059



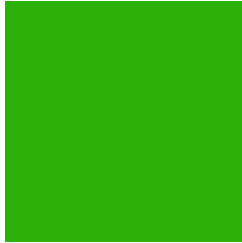
7B0099



14001A

Previews

White Background



This preview shows how the Hex color 2CB10B looks on a white background.

Color Contrast Check

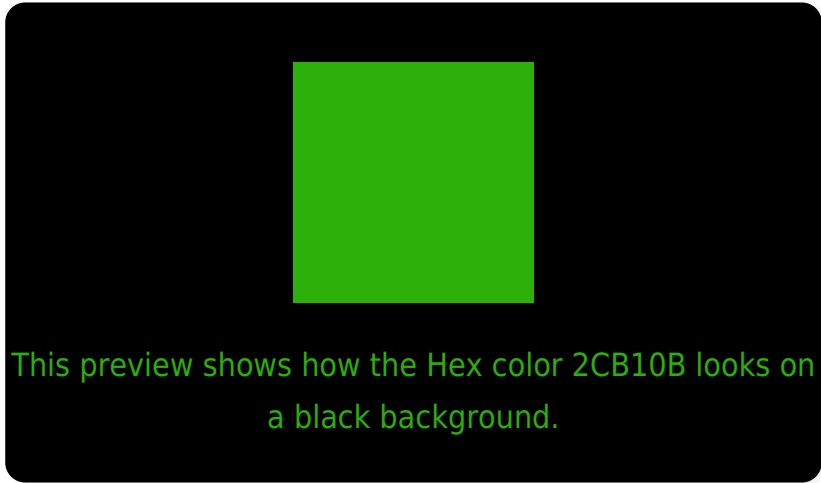
Large Text (above 18pt) WCAG AA × Fail

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

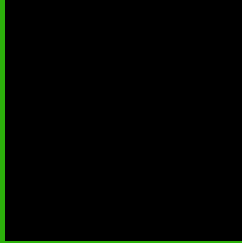
Any Text WCAG AA ✓ Pass

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 2CB10B Background



This preview shows how black text looks on a background with the Hex color 2CB10B.



This preview shows how white text looks on a background with the Hex color 2CB10B.

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
2CB10B

Protanopia
AC9900

Deuteranopia
BF9027



Tritanopia
54A5B2

Trichromacy



Original Color
2CB10B



Protanomaly
7DA204



Deuteranomaly
8A9C1D



Tritanomaly
45A975

Monochromacy



Original Color
2CB10B



Achromatopsia
767676



Achromatomaly
5B8B4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2CB10B 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 #2CB10B looks like.

```
.text, #text, p{  
    color:#2CB10B  
}
```

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 #2CB10B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CB10B
}
```

Border

The CSS property to change the border of an element to Hex 2CB10B 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
#2CB10B }
```

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

```
.border{ border-color:#2CB10B }
```

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

Here you see how a box with a 4 pixel #2CB10B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CB10B; -webkit-box-shadow:4px 4px  
4px 4px #2CB10B; box-shadow:4px 4px 4px  
4px #2CB10B }
```

Background

The CSS property to change the background color of an element to Hex 2CB10B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CB10B }
```

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

```
.background{ background-color:#2CB10B }
```

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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