

Converting Colors

Hex(2AB50D)

Have a look what the booklet for
Hex(2AB50D) contains.

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Color

Hex(2AB50D)

Conversions

Conversions Part 1

Format	Color
Hex	2AB50D
RGB	42, 181, 13
RGB Percent	16%, 71%, 5%
CMY	0.8353, 0.2902, 0.9490
CMYK	0.77, 0.00, 0.93, 0.29
HSL	110°, 87%, 38%
HSV	110°, 93%, 71%
XYZ	17.5514, 33.5690, 5.9352
YIQ	120.2870, -28.9160, -81.7160

Conversions

Conversions Part 2

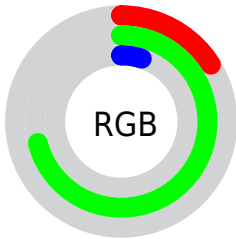
Format	Color
R _{YB}	13, 181, 152
Decimal	2798861
CIE Lab	64.62, -62.77, 63.17
CIE LCh	65, 89.050, 134.820
Yxy	33.5690, 0.3076, 0.5884
Android (android.graphics.Color)	4280988941 (0xFF2AB50D)
YUV	120.2870, -52.8925, -68.6577
Hunter-Lab	57.9388, -47.3200, 34.4836

Details

The Hex color **2AB50D** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **980DB5**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **70EE51**, and **007F00** is the 20% darker color. If you saturate the color by 10%, you get **1FB500**, and if you desaturate by 10%, it is **39B51F**.

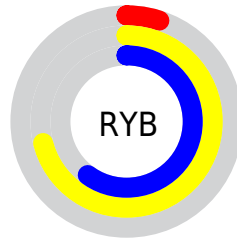
Distribution



Red (16%)

Green (71%)

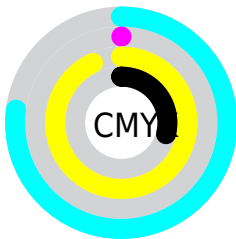
Blue (5%)



Red (5%)

Yellow (71%)

Blue (60%)

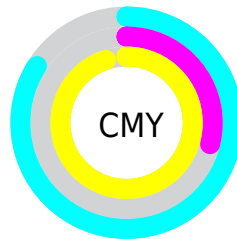


Cyan (77%)

Magenta (0%)

Yellow (93%)

Black (29%)



Cyan (84%)

Magenta (29%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2AB50D 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 2AB50D by changing the saturation by 10% instead.

 2AB50D

 2AB50D

FFFFFF

 009900

 70EE51

 007F00

 8FFF6D

 006400

 ADFF88

 004B00

 CCFFA5

 003400

 EAFFC1

 001900

 FFFFDE

 000000

 FFFFFC

 2AB50D

 2AB50D

 1FB500

 39B51F

 48B531

 57B543

 66B555

 75B567

 84B57A

 93B58C

 A2B59E

 B1B5B0

Harmonies

Analogous

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



99A500



2AB50D



00BD70

Triad

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



2AB50D



00B2FF



FF3779

Complementary

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



2AB50D



980DB5

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.



FF42C9



2AB50D



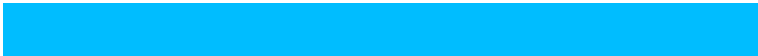
0099FF

Square

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



2AB50D



00BDFE



CF72FF



FF622B

Rectangle

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



2AB50D



00BFA8



CF72FF



FF3193

Sweetspot

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



2AB50D



B4EBA9



B5960D



54754D



F5F5F5



757575

Same Dimension

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



2AB50D



28EB00



0DB542



525950



1A9900



041A00

Inverse Universe

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



980DB5



C200EB



B50D80



585059



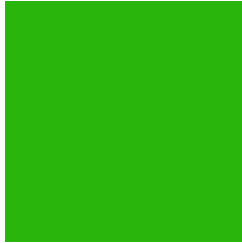
7F0099



15001A

Previews

White Background



This preview shows how the Hex color 2AB50D looks on a white background.

Color Contrast Check

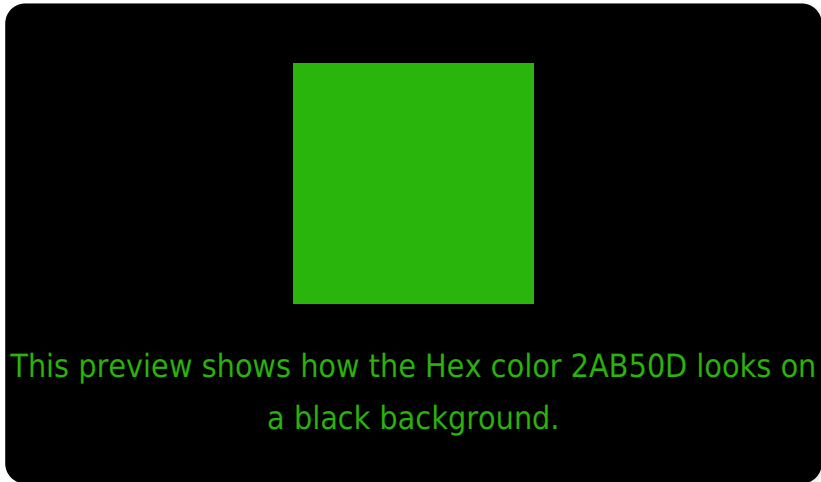
Large Text (above 18pt) WCAG AA × Fail

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 2AB50D Background



This preview shows how black text looks on a background with the Hex color 2AB50D.

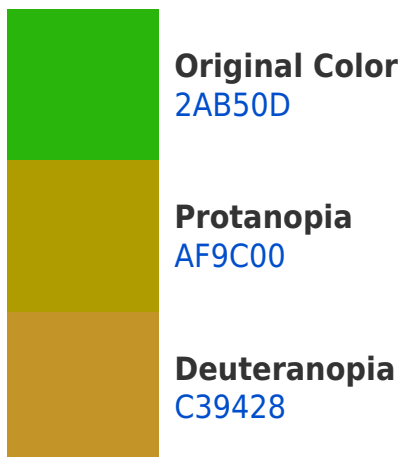


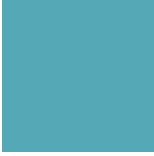
This preview shows how white text looks on a background with the Hex color 2AB50D.

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](#).

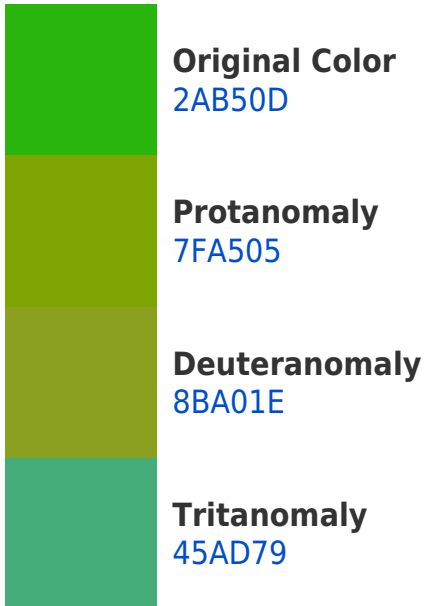
Dichromacy



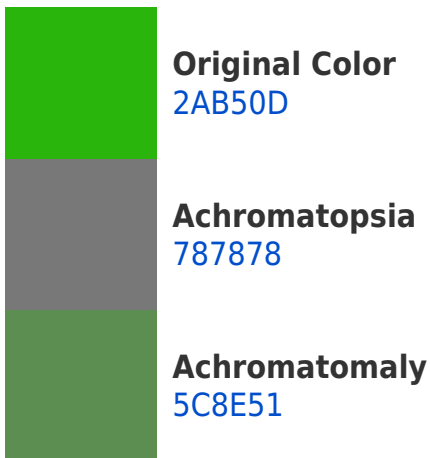


Tritanopia
55A8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2AB50D 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 #2AB50D looks like.

```
.text, #text, p{  
    color:#2AB50D  
}
```

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 #2AB50D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AB50D
}
```

Border

The CSS property to change the border of an element to Hex 2AB50D 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".

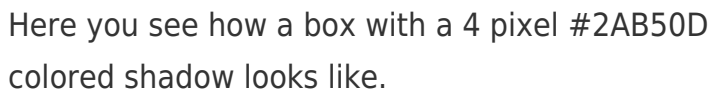
```
.border, #border, table{ border:4px solid
#2AB50D }
```

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

```
.border{ border-color:#2AB50D }
```

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

Here you see how a box with a 4 pixel #2AB50D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AB50D; -webkit-box-shadow:4px 4px  
4px 4px #2AB50D; box-shadow:4px 4px 4px  
4px #2AB50D }
```

Background

The CSS property to change the background color of an element to Hex 2AB50D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AB50D }
```

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

```
.background{ background-color:#2AB50D }
```

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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