

Converting Colors

Hex(4BDA4B)

Have a look what the booklet for
Hex(4BDA4B) contains.

Hex(4BDA4B)	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(4BDA4B)

Conversions

Conversions Part 1

Format	Color
Hex	4BDA4B
RGB	75, 218, 75
RGB Percent	29%, 85%, 29%
CMY	0.7059, 0.1451, 0.7059
CMYK	0.66, 0.00, 0.66, 0.15
HSL	120°, 66%, 57%
HSV	120°, 66%, 85%
XYZ	29.2431, 52.1467, 15.1807
YIQ	158.9410, -39.3250, -74.7890

Conversions

Conversions Part 2

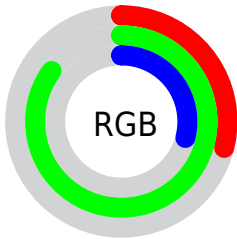
Format	Color
RYB	75, 218, 218
Decimal	4971083
CIELab	77.37, -64.91, 57.27
CIELCh	77, 86.562, 138.574
Yxy	52.1467, 0.3028, 0.5400
Android (android.graphics.Color)	4283161163 (0xFF4BDA4B)
YUV	158.9410, -41.3829, -73.6163
Hunter-Lab	72.2126, -54.0872, 38.0848

Details

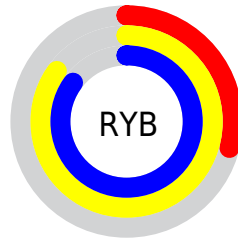
The Hex color **4BDA4B** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **DA4BDA**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **8CFF82**, and **00A209** is the 20% darker color. If you saturate the color by 10%, you get **35DA35**, and if you desaturate by 10%, it is **61DA61**.

Distribution



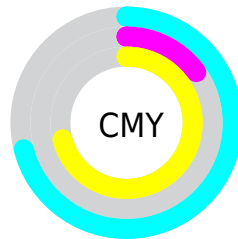
- Red (29%)
- Green (85%)
- Blue (29%)



- Red (29%)
- Yellow (85%)
- Blue (85%)



- Cyan (66%)
- Magenta (0%)
- Yellow (66%)
- Black (15%)



- Cyan (71%)
- Magenta (15%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BDA4B 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 4BDA4B by changing the saturation by 10% instead.

 4BDA4B

 4BDA4B

FFFFFF

 20BE2F

 8CFF82

 00A209

 AAFF9D

 008600

 C9FFB9

 006C00

 E7FFD6

 005200

 FFFFF3

 003A00

 002100

 000000

 4BDA4B

 4BDA4B

 35DA35

 61DA61

 1FDA1F

 77DA77

 0ADA0A

 8CDA8C

 00DA00

 A2DAA2

 B8DAB8

 CEDACE

 E4DAE4

 F9DAF9

 FFDAFF

Harmonies

Analogous

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



B5CA00



4BDA4B



00E29D

Triad

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



4BDA4B



00D1FF



FF6D91

Complementary

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



4BDA4B



DA4BDA

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.



FF6FE1



4BDA4B



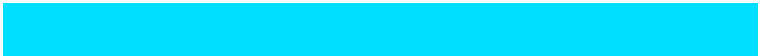
77B7FF

Square

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



4BDA4B



00DFFF



FF91FF



FF8D47

Rectangle

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



4BDA4B



00E4D5



FF91FF



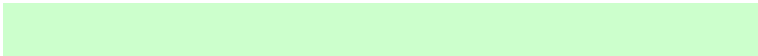
FF69AC

Sweetspot

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



4BDA4B



CCFFCC



DADA4B



618061



000000



808080

Same Dimension

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



4BDA4B



36FF36



4BDA92



636E63



00AD00



002E00

Inverse Universe

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



DA4BDA



FF36FF



DA4B92



6E636E



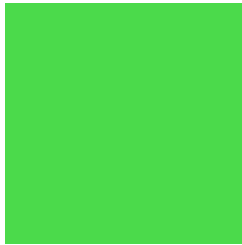
AD00AD



2E002E

Previews

White Background



This preview shows how the Hex color 4BDA4B 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



This preview shows how the Hex color 4BDA4B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

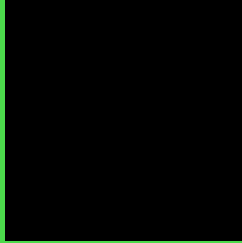
Any Text WCAG AA ✓ Pass

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 4BDA4B Background



This preview shows how black text looks on a background with the Hex color 4BDA4B.

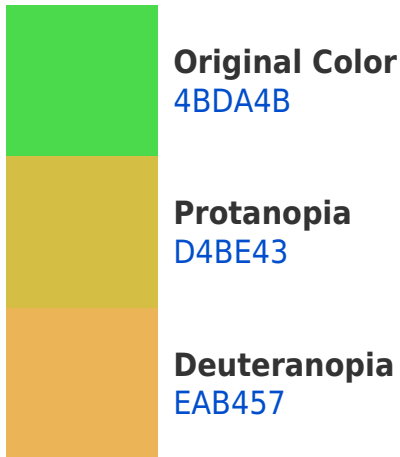


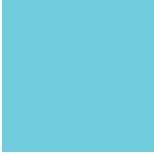
This preview shows how white text looks on a background with the Hex color 4BDA4B.

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





Trichromacy



Original Color
4BDA4B



Protanomaly
A2C846



Deuteranomaly
B0C253



Tritanomaly
63D1A7

Monochromacy



Original Color
4BDA4B



Achromatopsia
9F9F9F



Achromatomaly
80B480

CSS Examples

Text

The CSS property to change the color of the text to Hex 4BDA4B 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 #4BDA4B looks like.

```
.text, #text, p{  
    color:#4BDA4B  
}
```

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 #4BDA4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BDA4B
}
```

Border

The CSS property to change the border of an element to Hex 4BDA4B 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
#4BDA4B }
```

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

```
.border{ border-color:#4BDA4B }
```

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

Here you see how a box with a 4 pixel #4BDA4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BDA4B; -webkit-box-shadow:4px 4px  
4px 4px #4BDA4B; box-shadow:4px 4px 4px  
4px #4BDA4B }
```

Background

The CSS property to change the background color of an element to Hex 4BDA4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BDA4B }
```

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

```
.background{ background-color:#4BDA4B }
```

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