

Converting Colors

Hex(2BAA5B)

Have a look what the booklet for
Hex(2BAA5B) contains.

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Color

Hex(2BAA5B)

Conversions

Conversions Part 1

Format	Color
Hex	2BAA5B
RGB	43, 170, 91
RGB Percent	17%, 67%, 36%
CMY	0.8314, 0.3333, 0.6431
CMYK	0.75, 0.00, 0.46, 0.33
HSL	143°, 60%, 42%
HSV	143°, 75%, 67%
XYZ	17.2593, 30.0184, 14.7820
YIQ	123.0210, -50.3330, -51.4930

Conversions

Conversions Part 2

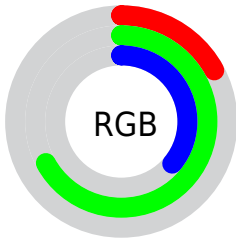
Format	Color
RYB	43, 135, 170
Decimal	2861659
CIELab	61.67, -51.65, 31.12
CIElCh	62, 60.299, 148.926
Yxy	30.0184, 0.2781, 0.4837
Android (android.graphics.Color)	4281051739 (0xFF2BAA5B)
YUV	123.0210, -15.7864, -70.1784
Hunter-Lab	54.7890, -39.6508, 22.3560

Details

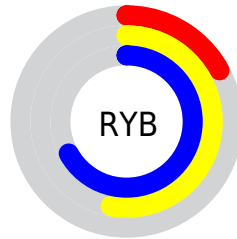
The Hex color **2BAA5B** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **AA2B7A**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **6BE28E**, and **00742B** is the 20% darker color. If you saturate the color by 10%, you get **1AAA50**, and if you desaturate by 10%, it is **3CAA66**.

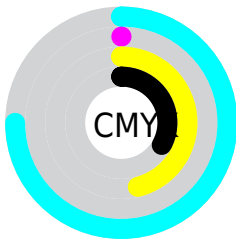
Distribution



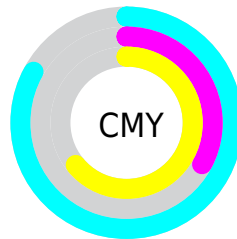
- Red (17%)
- Green (67%)
- Blue (36%)



- Red (17%)
- Yellow (53%)
- Blue (67%)



- Cyan (75%)
- Magenta (0%)
- Yellow (46%)
- Black (33%)



- Cyan (83%)
- Magenta (33%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BAA5B 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 2BAA5B by changing the saturation by 10% instead.

 2BAA5B

 2BAA5B

FFFFFF

 008F43

 6BE28E

 00742B

 89FFA9

 005B13

 A6FFC5

 004200

 C3FFE1

 002C00

 E1FFFE

 000B00

 000000

 2BAA5B

 2BAA5B

 1AAA50

 3CAA66

■ 09AA46

■ 4DAA70

■ 00AA40

■ 5EAA7B

■ 6FAA85

■ 80AA90

■ 91AA9A

■ A2AAA5

■ B3AAB0

■ C4AABA

Harmonies

Analogous

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



7DA12E



2BAA5B



00AE91

Triad

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



2BAA5B



009CFF



F36964

Complementary

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



2BAA5B



AA2B7A

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.



F26299



2BAA5B



9188F3

Square

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



2BAA5B



00A8F0



D470CD



DB7D38

Rectangle

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



2BAA5B



00AEB6



D470CD



F66475

Sweetspot

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



2BAA5B



ADDEBF



7BAA2B



53705E



F0F0F0



707070

Same Dimension

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



2BAA5B



16DE62



2BAA99



4C544F



009438



001408

Inverse Universe

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



AA2B7A



DE1692



AA2B3C



544C51



94005C



14000D

Previews

White Background



This preview shows how the Hex color 2BAA5B looks on a white background.

Color Contrast Check

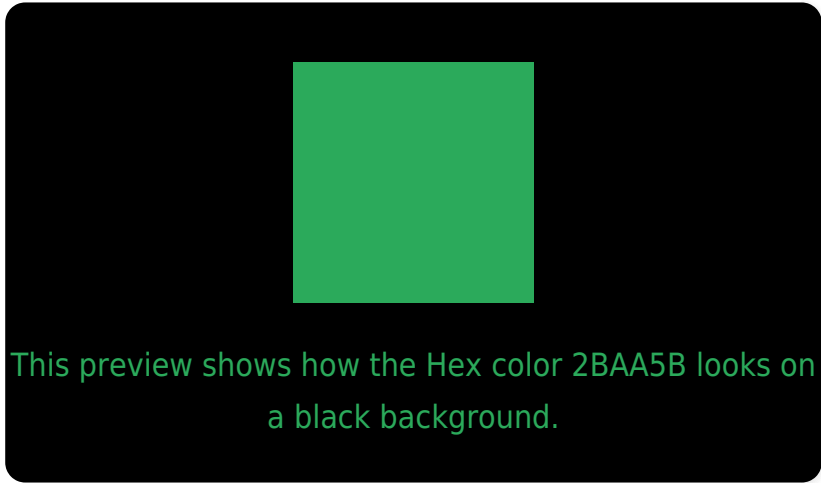
Large Text (above 18pt) WCAG AA ✓ Pass

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 2BAA5B Background



This preview shows how black text looks on a background with the Hex color 2BAA5B.

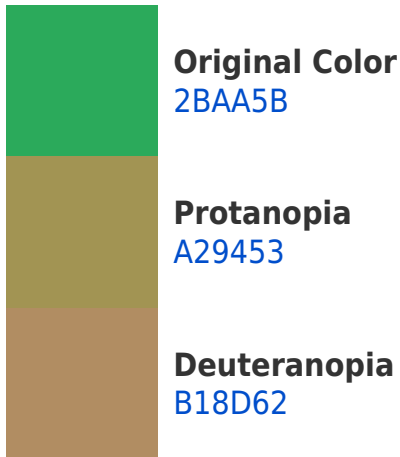


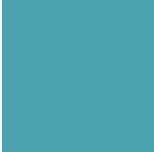
This preview shows how white text looks on a background with the Hex color 2BAA5B.

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
4BA1AE

Trichromacy



Original Color
2BAA5B



Protanomaly
779C56



Deuteranomaly
80985F



Tritanomaly
3FA490

Monochromacy



Original Color
2BAA5B



Achromatopsia
7B7B7B



Achromatomaly
5E8C6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2BAA5B 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 #2BAA5B looks like.

```
.text, #text, p{  
    color:#2BAA5B  
}
```

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 #2BAA5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BAA5B
}
```

Border

The CSS property to change the border of an element to Hex 2BAA5B 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
#2BAA5B }
```

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

```
.border{ border-color:#2BAA5B }
```

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

Here you see how a box with a 4 pixel #2BAA5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BAA5B; -webkit-box-shadow:4px 4px  
4px 4px #2BAA5B; box-shadow:4px 4px 4px  
4px #2BAA5B }
```

Background

The CSS property to change the background color of an element to Hex 2BAA5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BAA5B }
```

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

```
.background{ background-color:#2BAA5B }
```

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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