

Converting Colors

Hex(2BB844)

Have a look what the booklet for
Hex(2BB844) contains.

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Color

Hex(2BB844)

Conversions

Conversions Part 1

Format	Color
Hex	2BB844
RGB	43, 184, 68
RGB Percent	17%, 72%, 27%
CMY	0.8314, 0.2784, 0.7333
CMYK	0.77, 0.00, 0.63, 0.28
HSL	131°, 62%, 45%
HSV	131°, 77%, 72%
XYZ	19.1801, 35.2119, 11.2545
YIQ	128.6170, -46.8000, -65.9680

Conversions

Conversions Part 2

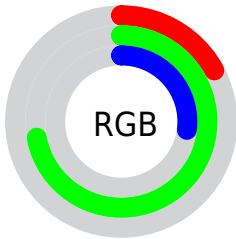
Format	Color
RYB	43, 163, 184
Decimal	2865220
CIELab	65.91, -59.80, 47.37
CIELCh	66, 76.288, 141.617
Yxy	35.2119, 0.2922, 0.5364
Android (android.graphics.Color)	4281055300 (0xFF2BB844)
YUV	128.6170, -29.8842, -75.0861
Hunter-Lab	59.3396, -46.1485, 30.2926

Details

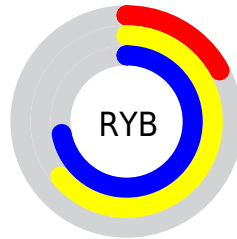
The Hex color **2BB844** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B82B9F**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **70F178**, and **008109** is the 20% darker color. If you saturate the color by 10%, you get **19B835**, and if you desaturate by 10%, it is **3DB853**.

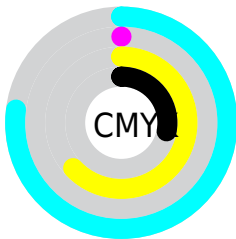
Distribution



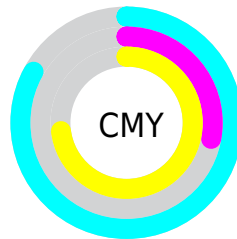
- Red (17%)
- Green (72%)
- Blue (27%)



- Red (17%)
- Yellow (64%)
- Blue (72%)



- Cyan (77%)
- Magenta (0%)
- Yellow (63%)
- Black (28%)



- Cyan (83%)
- Magenta (28%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BB844 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 2BB844 by changing the saturation by 10% instead.

 2BB844

 2BB844


FFFFFF

 009C2A


 70F178

 008109

 8EFF93

 006700

 ACFFAF

 004E00

 CAFFCB

 003600

 E8FFE7

 001D00

 000000

 2BB844

 2BB844

 19B835

 3DB853

■ 06B826

■ 50B862

■ 00B821

■ 62B871

■ 75B881

■ 87B890

■ 99B89F

■ ACB8AE

■ BEB8BD

■ D1B8CC

Harmonies

Analogous

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



90AB00



2BB844



00BE8A

Triad

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



2BB844



00AEFF



FF5C72

Complementary

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



2BB844



B82B9F

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.



FF59B6



2BB844



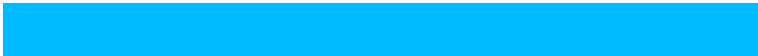
7496FF

Square

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



2BB844



00BBFF



DF76F6



FF7933

Rectangle

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



2BB844



00BFBA



DF76F6



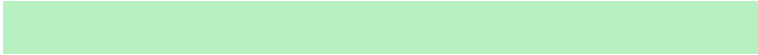
FF5789

Sweetspot

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



2BB844



B9F0C2



A1B82B



56785C



F7F7F7



787878

Same Dimension

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



2BB844



13F03A



2BB889



535C54



009C1C



001C05

Inverse Universe

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



B82B9F



F013C9



B82B5A



5C535A



9C0080



1C0017

Previews

White Background



This preview shows how the Hex color 2BB844 looks on a white background.

Color Contrast Check

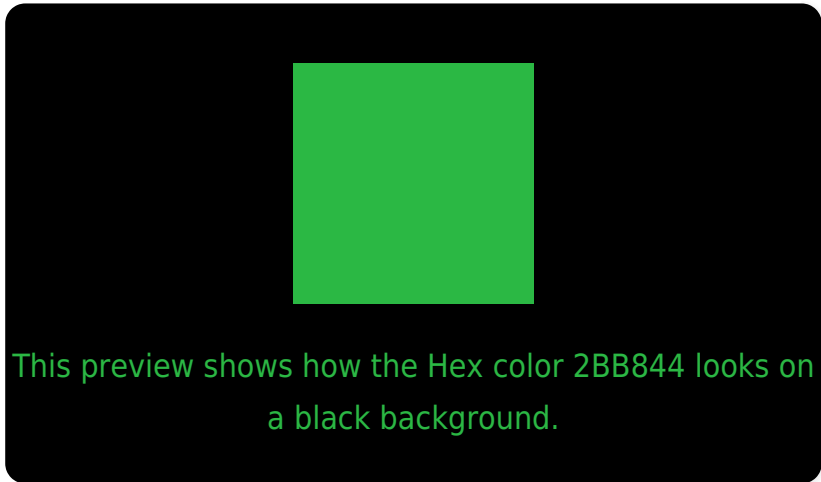
Large Text (above 18pt) WCAG AA × Fail

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 2BB844 Background



This preview shows how black text looks on a background with the Hex color 2BB844.

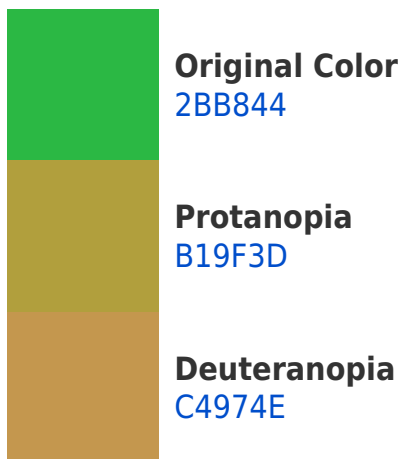


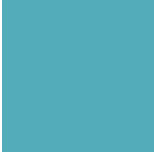
This preview shows how white text looks on a background with the Hex color 2BB844.

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
53ACBA

Trichromacy



Original Color
2BB844



Protanomaly
80A840



Deuteranomaly
8CA34A



Tritanomaly
44B08F

Monochromacy



Original Color
2BB844



Achromatopsia
818181



Achromatomaly
62956B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2BB844 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 #2BB844 looks like.

```
.text, #text, p{  
    color:#2BB844  
}
```

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 #2BB844 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BB844
}
```

Border

The CSS property to change the border of an element to Hex 2BB844 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
#2BB844 }
```

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

```
.border{ border-color:#2BB844 }
```

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

Here you see how a box with a 4 pixel #2BB844 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BB844; -webkit-box-shadow:4px 4px  
4px 4px #2BB844; box-shadow:4px 4px 4px  
4px #2BB844 }
```

Background

The CSS property to change the background color of an element to Hex 2BB844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BB844 }
```

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

```
.background{ background-color:#2BB844 }
```

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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