

Converting Colors

Hex(2BB556)

Have a look what the booklet for
Hex(2BB556) contains.

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Color

Hex(2BB556)

Conversions

Conversions Part 1

Format	Color
Hex	2BB556
RGB	43, 181, 86
RGB Percent	17%, 71%, 34%
CMY	0.8314, 0.2902, 0.6627
CMYK	0.76, 0.00, 0.52, 0.29
HSL	139°, 62%, 44%
HSV	139°, 76%, 71%
XYZ	19.1998, 34.2332, 14.3998
YIQ	128.9080, -51.7530, -58.8010

Conversions

Conversions Part 2

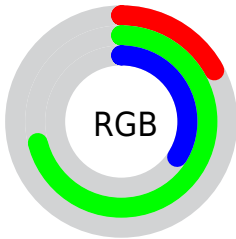
Format	Color
RYB	43, 148, 181
Decimal	2864470
CIELab	65.15, -56.40, 38.01
CIELCh	65, 68.012, 146.020
Yxy	34.2332, 0.2830, 0.5047
Android (android.graphics.Color)	4281054550 (0xFF2BB556)
YUV	128.9080, -21.1536, -75.3413
Hunter-Lab	58.5092, -43.8161, 26.3644

Details

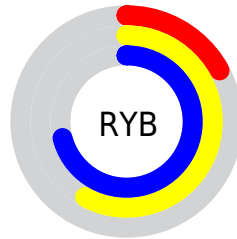
The Hex color **2BB556** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B52B8A**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **6EEE8A**, and **007F24** is the 20% darker color. If you saturate the color by 10%, you get **19B54A**, and if you desaturate by 10%, it is **3DB562**.

Distribution



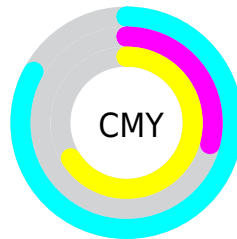
- Red (17%)
- Green (71%)
- Blue (34%)



- Red (17%)
- Yellow (58%)
- Blue (71%)



- Cyan (76%)
- Magenta (0%)
- Yellow (52%)
- Black (29%)



- Cyan (83%)
- Magenta (29%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BB556 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 2BB556 by changing the saturation by 10% instead.

 2BB556

 2BB556

FFFFFF

 00993D

 6EEE8A

 007F24

 8CFFA5

 006508

 AAFFC0

 004B00

 C7FFDC

 003400

 E6FFF9

 001B00

 000000

 2BB556

 2BB556

 19B54A

 3DB562

 07B53D

 4FB56F

 00B538

 61B57B

 73B588

 86B594

 98B5A1

 AAB5AD

 BCB5BA

 CEB5C6

Harmonies

Analogous

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



88AA20



2BB556



00BA94

Triad

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



2BB556



00A8FF



FF686C

Complementary

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



2BB556



B52B8A

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.



FF62A9



2BB556



8E91FF

Square

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



2BB556



00B5FF



E076E3



F08037

Rectangle

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



2BB556



00BBBE



E076E3



FF6380

Sweetspot

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



2BB556



B5EBC5



8CB52B



54755F



F5F5F5



757575

Same Dimension

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



2BB556



15EB58



2BB599



505953



009930



001A08

Inverse Universe

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



B52B8A



EB15A8



B52B47



595056



990069



1A0012

Previews

White Background



This preview shows how the Hex color 2BB556 looks on a white background.

Color Contrast Check

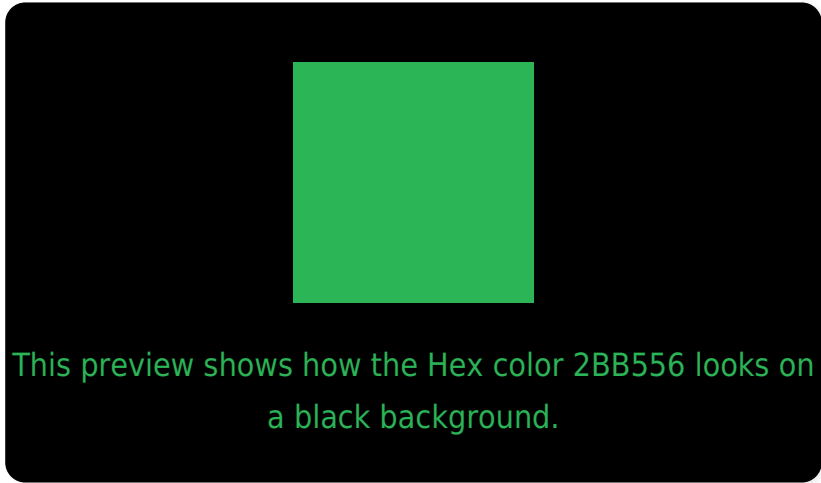
Large Text (above 18pt) WCAG AA × Fail

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

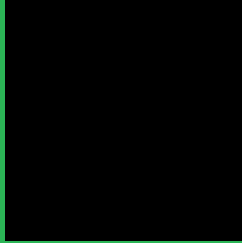
Any Text WCAG AA ✓ Pass

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 2BB556 Background



This preview shows how black text looks on a background with the Hex color 2BB556.

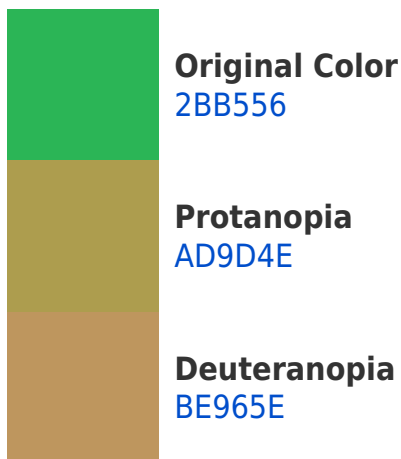


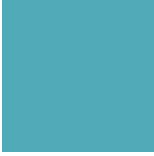
This preview shows how white text looks on a background with the Hex color 2BB556.

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
50AAB8

Trichromacy



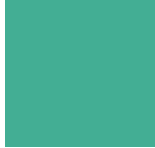
Original Color
2BB556



Protanomaly
7EA651



Deuteranomaly
89A15B



Tritanomaly
43AE94

Monochromacy



Original Color
2BB556



Achromatopsia
818181



Achromatomaly
629471

CSS Examples

Text

The CSS property to change the color of the text to Hex 2BB556 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 #2BB556 looks like.

```
.text, #text, p{  
    color:#2BB556  
}
```

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 #2BB556 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BB556
}
```

Border

The CSS property to change the border of an element to Hex 2BB556 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
#2BB556 }
```

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

```
.border{ border-color:#2BB556 }
```

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

Here you see how a box with a 4 pixel #2BB556 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BB556; -webkit-box-shadow:4px 4px  
4px 4px #2BB556; box-shadow:4px 4px 4px  
4px #2BB556 }
```

Background

The CSS property to change the background color of an element to Hex 2BB556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BB556 }
```

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

```
.background{ background-color:#2BB556 }
```

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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