

Converting Colors

Hex(2BB517)

Have a look what the booklet for
Hex(2BB517) contains.

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Color

Hex(2BB517)

Conversions

Conversions Part 1

Format	Color
Hex	2BB517
RGB	43, 181, 23
RGB Percent	17%, 71%, 9%
CMY	0.8314, 0.2902, 0.9098
CMYK	0.76, 0.00, 0.87, 0.29
HSL	112°, 77%, 40%
HSV	112°, 87%, 71%
XYZ	17.6748, 33.6232, 6.3690
YIQ	121.7260, -31.5300, -78.3940

Conversions

Conversions Part 2

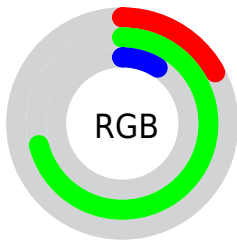
Format	Color
RYB	23, 181, 161
Decimal	2864407
CIELab	64.66, -62.29, 61.44
CIELCh	65, 87.490, 135.396
Yxy	33.6232, 0.3065, 0.5831
Android (android.graphics.Color)	4281054487 (0xFF2BB517)
YUV	121.7260, -48.6719, -69.0427
Hunter-Lab	57.9855, -47.0654, 34.0776

Details

The Hex color **2BB517** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **A117B5**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **71EE55**, and **007F00** is the 20% darker color. If you saturate the color by 10%, you get **1BB505**, and if you desaturate by 10%, it is **3BB529**.

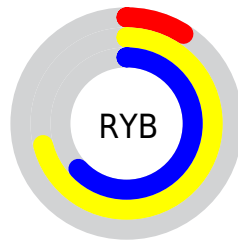
Distribution



Red (17%)

Green (71%)

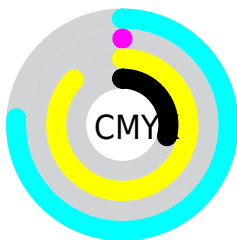
Blue (9%)



Red (9%)

Yellow (71%)

Blue (63%)

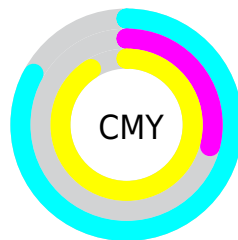


Cyan (76%)

Magenta (0%)

Yellow (87%)

Black (29%)



Cyan (83%)

Magenta (29%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BB517 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 2BB517 by changing the saturation by 10% instead.

 2BB517

 2BB517

FFFFFF

 009900

 71EE55

 007F00

 8FFF71

 006400

 ADFF8D

 004B00

 CCFFA9

 003400

 EAFFC5

 001900

 FFFF E2

 000000

 2BB517

 2BB517

 1BB505

 3BB529

■ 17B500

■ 4BB53B

■ 5AB54D

■ 6AB55F

■ 7AB572

■ 8AB584

■ 9AB596

■ A9B5A8

■ B9B5BA

Harmonies

Analogous

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



98A600



2BB517



00BC72

Triad

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



2BB517



00B1FF



FF3C78

Complementary

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



2BB517



A117B5

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.



FF45C6



2BB517



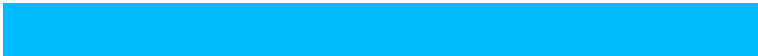
0099FF

Square

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



2BB517



00BCFF



D072FF



FF642C

Rectangle

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



2BB517



00BFA9



D072FF



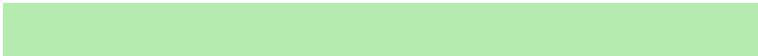
FF3792

Sweetspot

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



2BB517



B5EBAE



B5A017



567551



F5F5F5



757575

Same Dimension

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



2BB517



1EEB00



17B551



515950



139900



031A00

Inverse Universe

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



A117B5



CD00EB



B5177B



585059



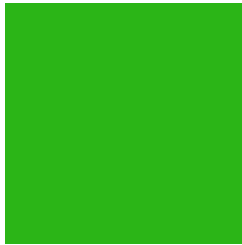
860099



16001A

Previews

White Background



This preview shows how the Hex color 2BB517 looks on a white background.

Color Contrast Check

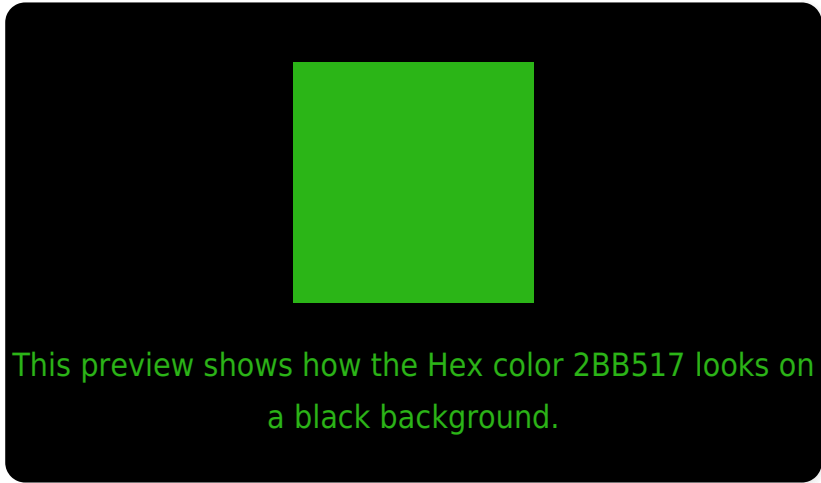
Large Text (above 18pt) WCAG AA × Fail

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 2BB517 Background



This preview shows how black text looks on a background with the Hex color 2BB517.

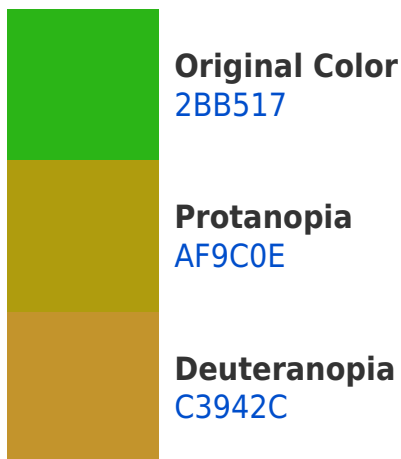


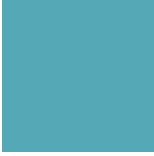
This preview shows how white text looks on a background with the Hex color 2BB517.

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



Original Color
2BB517



Protanomaly
7FA511



Deuteranomaly
8CA024



Tritanomaly
46AD7C

Monochromacy



Original Color
2BB517



Achromatopsia
7A7A7A



Achromatomaly
5D8F56

CSS Examples

Text

The CSS property to change the color of the text to Hex 2BB517 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 #2BB517 looks like.

```
.text, #text, p{  
    color:#2BB517  
}
```

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 #2BB517 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BB517
}
```

Border

The CSS property to change the border of an element to Hex 2BB517 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
#2BB517 }
```

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

```
.border{ border-color:#2BB517 }
```

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

Here you see how a box with a 4 pixel #2BB517 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BB517; -webkit-box-shadow:4px 4px  
4px 4px #2BB517; box-shadow:4px 4px 4px  
4px #2BB517 }
```

Background

The CSS property to change the background color of an element to Hex 2BB517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BB517 }
```

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

```
.background{ background-color:#2BB517 }
```

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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