

Converting Colors

Hex(17B52B)

Have a look what the booklet for
Hex(17B52B) contains.

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Color

Hex(17B52B)

Conversions

Conversions Part 1

Format	Color
Hex	17B52B
RGB	23, 181, 43
RGB Percent	9%, 71%, 17%
CMY	0.9098, 0.2902, 0.8314
CMYK	0.87, 0.00, 0.76, 0.29
HSL	128°, 77%, 40%
HSV	128°, 87%, 71%
XYZ	17.3133, 33.4043, 7.8207
YIQ	118.0260, -49.8700, -76.4140

Conversions

Conversions Part 2

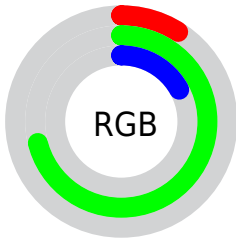
Format	Color
R_{YB}	23, 163, 181
Decimal	1553707
CIE Lab	64.49, -63.49, 55.63
CIE LCh	64, 84.419, 138.775
Yxy	33.4043, 0.2958, 0.5706
Android (android.graphics.Color)	4279743787 (0xFF17B52B)
YUV	118.0260, -36.9878, -83.3378
Hunter-Lab	57.7965, -47.6731, 32.4348

Details

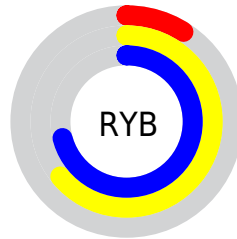
The Hex color **17B52B** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **B517A1**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **67EE62**, and **007E00** is the 20% darker color. If you saturate the color by 10%, you get **05B51B**, and if you desaturate by 10%, it is **29B53B**.

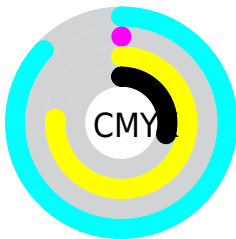
Distribution



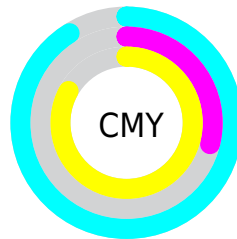
- Red (9%)
- Green (71%)
- Blue (17%)



- Red (9%)
- Yellow (64%)
- Blue (71%)



- Cyan (87%)
- Magenta (0%)
- Yellow (76%)
- Black (29%)



- Cyan (91%)
- Magenta (29%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17B52B 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 17B52B by changing the saturation by 10% instead.

 17B52B

 17B52B

FFFFFF

 009904

 67EE62

 007E00

 86FF7D

 006400

 A4FF99

 004B00

 C3FFB5

 003400

 E1FFD1

 001800

 FFFFEE

 000000

 17B52B

 17B52B

 05B51B

 29B53B

 00B517

 3BB54B

 4DB55A

 5FB56A

 72B57A

 84B58A

 96B59A

 A8B5A9

 BAB5B9

Harmonies

Analogous

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



90A700



17B52B



00BC7C

Triad

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



17B52B



00AEFF



FF4671

Complementary

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



17B52B



B517A1

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.



FF47BC



17B52B



4995FF

Square

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



17B52B



00BAFF



D96FFF



FF6B28

Rectangle

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



17B52B



00BDB1



D96FFF



FF408A

Sweetspot

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



17B52B



AEEBB5



A3B517



517556



F5F5F5



757575

Same Dimension

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



17B52B



00EB1E



17B578



505951



009913



001A03

Inverse Universe

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



B517A1



EB00CD



B51754



595058



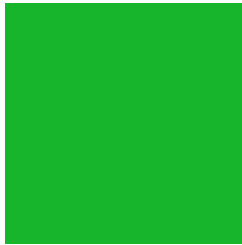
990086



1A0016

Previews

White Background



This preview shows how the Hex color 17B52B looks on a white background.

Color Contrast Check

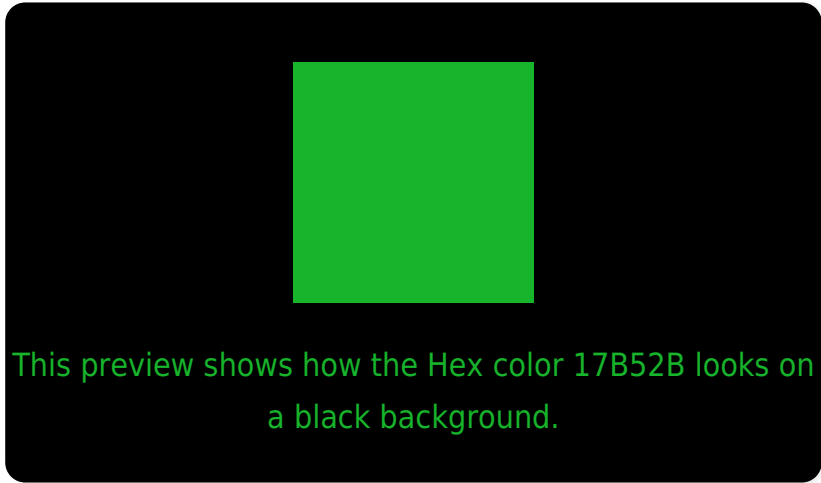
Large Text (above 18pt) WCAG AA × Fail

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 17B52B Background



This preview shows how black text looks on a background with the Hex color 17B52B.



This preview shows how white text looks on a background with the Hex color 17B52B.

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](#).

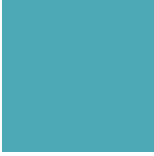
Dichromacy



Original Color
17B52B

Protanopia
AE9B24

Deuteranopia
C19339



Tritanopia
4DA9B6

Trichromacy



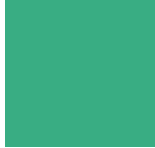
Original Color
17B52B



Protanomaly
77A427



Deuteranomaly
839F34



Tritanomaly
39AD83

Monochromacy



Original Color
17B52B



Achromatopsia
767676



Achromatomaly
538D5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 17B52B 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 #17B52B looks like.

```
.text, #text, p{  
    color:#17B52B  
}
```

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 #17B52B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17B52B
}
```

Border

The CSS property to change the border of an element to Hex 17B52B 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
#17B52B }
```

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

```
.border{ border-color:#17B52B }
```

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

Here you see how a box with a 4 pixel #17B52B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17B52B; -webkit-box-shadow:4px 4px  
4px 4px #17B52B; box-shadow:4px 4px 4px  
4px #17B52B }
```

Background

The CSS property to change the background color of an element to Hex 17B52B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17B52B }
```

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

```
.background{ background-color:#17B52B }
```

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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