

Converting Colors

Hex(17B70A)

Have a look what the booklet for
Hex(17B70A) contains.

Hex(17B70A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(17B70A)

Conversions

Conversions Part 1

Format	Color
Hex	17B70A
RGB	23, 183, 10
RGB Percent	9%, 72%, 4%
CMY	0.9098, 0.2824, 0.9608
CMYK	0.87, 0.00, 0.95, 0.28
HSL	115°, 90%, 38%
HSV	115°, 95%, 72%
XYZ	17.3416, 34.0710, 5.9495
YIQ	115.4380, -39.8270, -87.7230

Conversions

Conversions Part 2

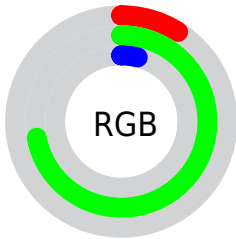
Format	Color
RYB	10, 183, 170
Decimal	1554186
CIELab	65.02, -65.63, 63.79
CIELCh	65, 91.527, 135.813
Yxy	34.0710, 0.3023, 0.5940
Android (android.graphics.Color)	4279744266 (0xFF17B70A)
YUV	115.4380, -51.9809, -81.0681
Hunter-Lab	58.3704, -49.1166, 34.8160

Details

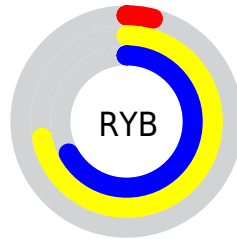
The Hex color **17B70A** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **AA0AB7**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **68F050**, and **008000** is the 20% darker color. If you saturate the color by 10%, you get **0EB700**, and if you desaturate by 10%, it is **28B71C**.

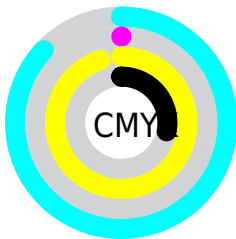
Distribution



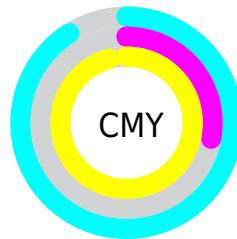
- Red (9%)
- Green (72%)
- Blue (4%)



- Red (4%)
- Yellow (72%)
- Blue (67%)



- Cyan (87%)
- Magenta (0%)
- Yellow (95%)
- Black (28%)



- Cyan (91%)
- Magenta (28%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17B70A 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 17B70A by changing the saturation by 10% instead.

 17B70A

 17B70A

FFFFFF

 009B00

 68F050

 008000

 88FF6C

 006600

 A7FF88

 004C00

 C5FFA4

 003500

 E4FFC1

 001A00

 FFFFDE

 000000

 FFFFFB

 17B70A

 17B70A

 0EB700

 28B71C

 39B72F

 4AB741

 5BB753

 6CB766

 7DB778

 8DB78A

 9EB79C

 AFB7AF

Harmonies

Analogous

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



96A700



17B70A



00BF73

Triad

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



17B70A



00B3FF



FF3277

Complementary

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



17B70A



AA0AB7

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.



FF3BC8



17B70A



0099FF

Square

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



17B70A



00BEFF



D570FF



FF6225

Rectangle

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



17B70A



00C1AC



D570FF



FF2A92

Sweetspot

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



17B70A



B0EDAB



B7A90A



52784F



F7F7F7



787878

Same Dimension

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



17B70A



12ED00



0AB752



535C53



0C9C00



021C00

Inverse Universe

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



AA0AB7



DB00ED



B70A6F



5B535C



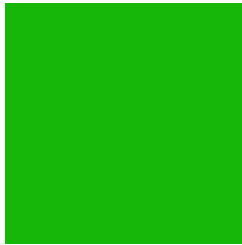
90009C



1A001C

Previews

White Background



This preview shows how the Hex color 17B70A looks on a white background.

Color Contrast Check

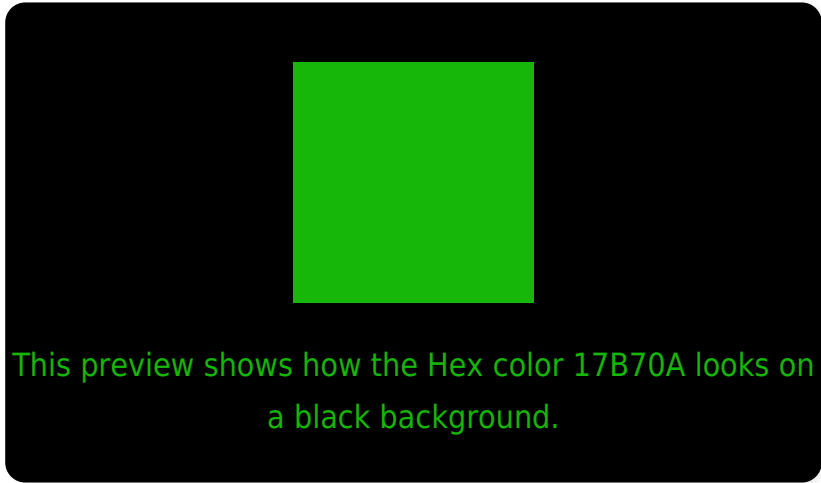
Large Text (above 18pt) WCAG AA × Fail

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 17B70A Background



This preview shows how black text looks on a background with the Hex color 17B70A.

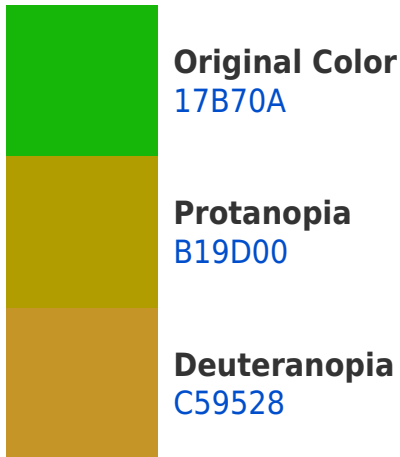


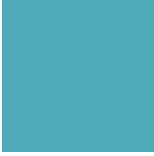
This preview shows how white text looks on a background with the Hex color 17B70A.

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](#).

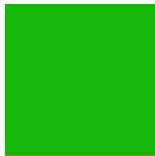
Dichromacy





Tritanopia
4FAAB8

Trichromacy



Original Color
17B70A



Protanomaly
79A604



Deuteranomaly
86A11D



Tritanomaly
3BAF79

Monochromacy



Original Color
17B70A



Achromatopsia
737373



Achromatomaly
528C4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 17B70A 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 #17B70A looks like.

```
.text, #text, p{  
    color:#17B70A  
}
```

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 #17B70A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17B70A
}
```

Border

The CSS property to change the border of an element to Hex 17B70A 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
#17B70A }
```

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

```
.border{ border-color:#17B70A }
```

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

Here you see how a box with a 4 pixel #17B70A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17B70A; -webkit-box-shadow:4px 4px  
4px 4px #17B70A; box-shadow:4px 4px 4px  
4px #17B70A }
```

Background

The CSS property to change the background color of an element to Hex 17B70A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17B70A }
```

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

```
.background{ background-color:#17B70A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor