

Converting Colors

Hex(17A920)

Have a look what the booklet for
Hex(17A920) contains.

Hex(17A920)	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(17A920)

Conversions

Conversions Part 1

Format	Color
Hex	17A920
RGB	23, 169, 32
RGB Percent	9%, 66%, 13%
CMY	0.9098, 0.3373, 0.8745
CMYK	0.86, 0.00, 0.81, 0.34
HSL	124°, 76%, 38%
HSV	124°, 86%, 66%
XYZ	14.8020, 28.6624, 6.1187
YIQ	109.7280, -43.0390, -73.5590

Conversions

Conversions Part 2

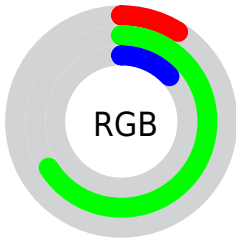
Format	Color
R_{YB}	23, 161, 169
Decimal	1550624
CIE _{Lab}	60.48, -60.66, 55.26
CIE _{LCh}	60, 82.056, 137.666
Yxy	28.6624, 0.2985, 0.5781
Android (android.graphics.Color)	4279740704 (0xFF17A920)
YUV	109.7280, -38.3199, -76.0605
Hunter-Lab	53.5373, -44.3384, 30.6999

Details

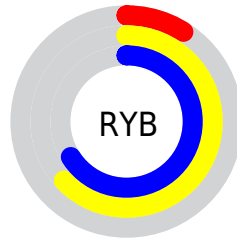
The Hex color **17A920** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A917A0**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **64E259**, and **007300** is the 20% darker color. If you saturate the color by 10%, you get **06A910**, and if you desaturate by 10%, it is **28A930**.

Distribution



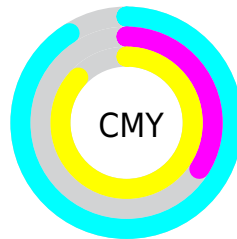
- Red (9%)
- Green (66%)
- Blue (13%)



- Red (9%)
- Yellow (63%)
- Blue (66%)



- Cyan (86%)
- Magenta (0%)
- Yellow (81%)
- Black (34%)



- Cyan (91%)
- Magenta (34%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the Hex color 17A920 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 17A920 by changing the saturation by 10% instead.

 17A920

 17A920

FFFFFF

 008E00

 64E259

 007300

 82FF73

 005900

 A0FF8F

 004000

 BEFFAB

 002900

 DDFFC7

 000300

 FBFFE4

 000000

 17A920

 17A920

 06A910

 28A930

■ 00A90A

■ 39A940

■ 4AA950

■ 5BA95F

■ 6BA96F

■ 7CA97F

■ 8DA98F

■ 9EA99F

■ AFA9AF

Harmonies

Analogous

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



889B00



17A920



00B070

Triad

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



17A920



00A3FF



FF3C6B

Complementary

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



17A920



A917A0

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.



FF3FB3



17A920



2F8CFF

Square

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



17A920



00AEFC



C867F5



F86124

Rectangle

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



17A920



00B1A3



C867F5



FF3583

Sweetspot

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



17A920



A2DBA6



A2A917



4C6E4E



EDEDED



6E6E6E

Same Dimension

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



17A920



00DB0E



17A967



4C544C



009409



001401

Inverse Universe

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



A917A0



DB00CE



A91759



544C54



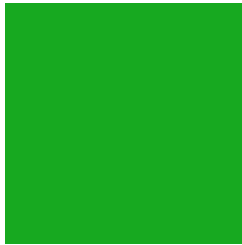
94008B



140013

Previews

White Background



This preview shows how the Hex color 17A920 looks on a white background.

Color Contrast Check

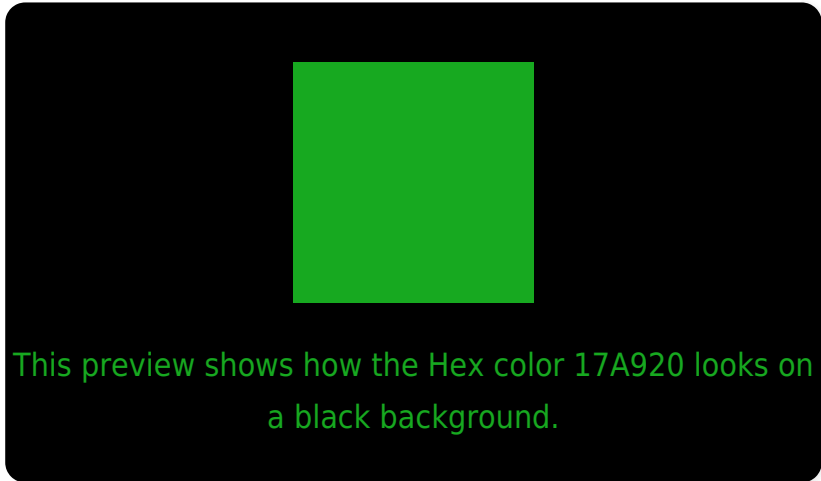
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 17A920 Background



This preview shows how black text looks on a background with the Hex color 17A920.

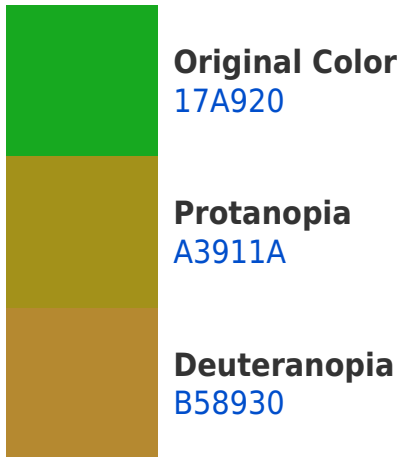


This preview shows how white text looks on a background with the Hex color 17A920.

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
499DAA

Trichromacy



Original Color
17A920



Protanomaly
709A1C



Deuteranomaly
7C952A



Tritanomaly
37A178

Monochromacy



Original Color
17A920



Achromatopsia
6E6E6E



Achromatomaly
4E8352

CSS Examples

Text

The CSS property to change the color of the text to Hex 17A920 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 #17A920 looks like.

```
.text, #text, p{  
    color:#17A920  
}
```

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 #17A920 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17A920
}
```

Border

The CSS property to change the border of an element to Hex 17A920 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
#17A920 }
```

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

```
.border{ border-color:#17A920 }
```

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

Here you see how a box with a 4 pixel #17A920 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17A920; -webkit-box-shadow:4px 4px  
4px 4px #17A920; box-shadow:4px 4px 4px  
4px #17A920 }
```

Background

The CSS property to change the background color of an element to Hex 17A920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17A920 }
```

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

```
.background{ background-color:#17A920 }
```

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