

Converting Colors

Hex(17C520)

Have a look what the booklet for
Hex(17C520) contains.

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Color

Hex(17C520)

Conversions

Conversions Part 1

Format	Color
Hex	17C520
RGB	23, 197, 32
RGB Percent	9%, 77%, 13%
CMY	0.9098, 0.2275, 0.8745
CMYK	0.88, 0.00, 0.84, 0.23
HSL	123°, 79%, 43%
HSV	123°, 88%, 77%
XYZ	20.5803, 40.2189, 8.0448
YIQ	126.1640, -50.7390, -88.2030

Conversions

Conversions Part 2

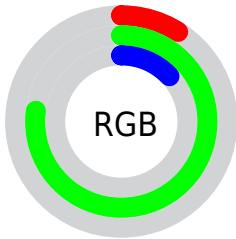
Format	Color
RYB	23, 188, 197
Decimal	1557792
CIELab	69.63, -68.83, 63.71
CIELCh	70, 93.787, 137.214
Yxy	40.2189, 0.2989, 0.5842
Android (android.graphics.Color)	4279747872 (0xFF17C520)
YUV	126.1640, -46.4229, -90.4748
Hunter-Lab	63.4184, -53.0560, 36.8717

Details

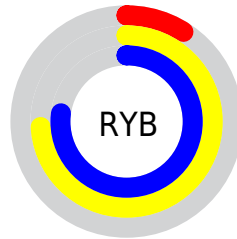
The Hex color **17C520** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **C517BC**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **6CFF5D**, and **008D00** is the 20% darker color. If you saturate the color by 10%, you get **03C50D**, and if you desaturate by 10%, it is **2BC533**.

Distribution



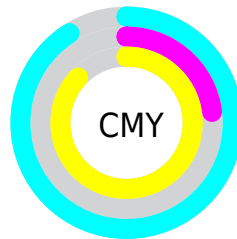
- Red (9%)
- Green (77%)
- Blue (13%)



- Red (9%)
- Yellow (74%)
- Blue (77%)



- Cyan (88%)
- Magenta (0%)
- Yellow (84%)
- Black (23%)



- Cyan (91%)
- Magenta (23%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17C520 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 17C520 by changing the saturation by 10% instead.

 17C520

 17C520

FFFFFF

 00A900

 6CFF5D

 008D00

 8CFF79

 007300

 ABFF95

 005900

 CAFFB1

 004000

 E9FFCE

 002700

 FFFFEB

 000000

 17C520

 17C520

 03C50D

 2BC533

 00C50A

 3EC545

 52C558

 66C56B

 7AC57D

 8DC590

 A1C5A3

 B5C5B5

 C8C5C8

Harmonies

Analogous

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



9FB500



17C520



00CD81

Triad

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



17C520



00BFFF



FF417D

Complementary

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



17C520



C517BC

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.



FF46D2



17C520



22A4FF

Square

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



17C520



00CCFF



E878FF



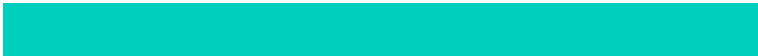
FF6F2A

Rectangle

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



17C520



00CFBD



E878FF



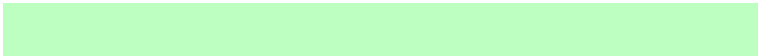
FF3999

Sweetspot

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



17C520



BDFFC0



BCC517



58805A



000000



808080

Same Dimension

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



17C520



00FF0D



17C577



5A635A



00A308



002402

Inverse Universe

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



C517BC



FF00F2



C51765



635A63



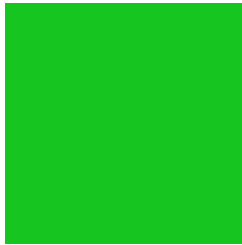
A3009B



240022

Previews

White Background



This preview shows how the Hex color 17C520 looks on a white background.

Color Contrast Check

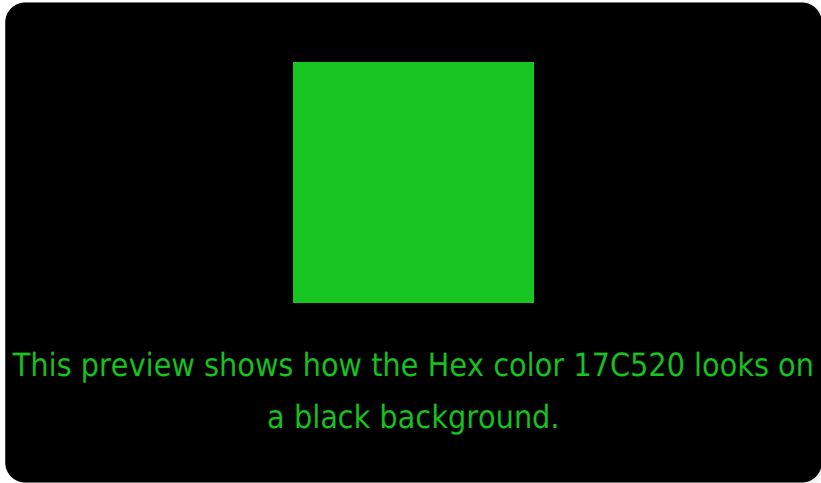
Large Text (above 18pt) WCAG AA × Fail

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 17C520 Background



This preview shows how black text looks on a background with the Hex color 17C520.

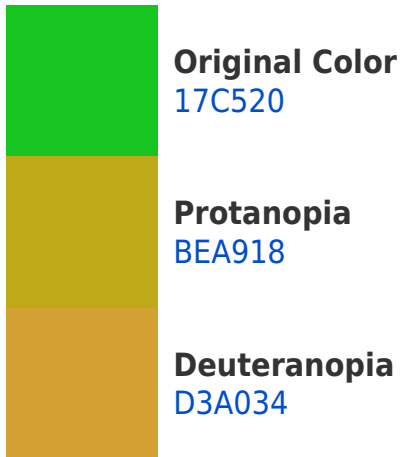


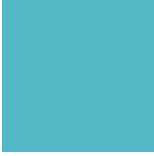
This preview shows how white text looks on a background with the Hex color 17C520.

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](#).

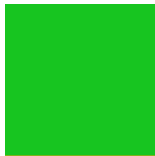
Dichromacy





Tritanopia
54B7C6

Trichromacy



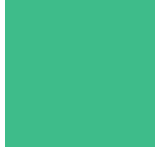
Original Color
17C520



Protanomaly
81B31B



Deuteranomaly
8FAD2D



Tritanomaly
3EBC8A

Monochromacy



Original Color
17C520



Achromatopsia
7E7E7E



Achromatomaly
59985C

CSS Examples

Text

The CSS property to change the color of the text to Hex 17C520 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 #17C520 looks like.

```
.text, #text, p{  
    color:#17C520  
}
```

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 #17C520 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17C520
}
```

Border

The CSS property to change the border of an element to Hex 17C520 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
#17C520 }
```

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

```
.border{ border-color:#17C520 }
```

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

Here you see how a box with a 4 pixel #17C520 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17C520; -webkit-box-shadow:4px 4px  
4px 4px #17C520; box-shadow:4px 4px 4px  
4px #17C520 }
```

Background

The CSS property to change the background color of an element to Hex 17C520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17C520 }
```

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

```
.background{ background-color:#17C520 }
```

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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