

Converting Colors

Hex(17BD05)

Have a look what the booklet for
Hex(17BD05) contains.

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Color

Hex(17BD05)

Conversions

Conversions Part 1

Format	Color
Hex	17BD05
RGB	23, 189, 5
RGB Percent	9%, 74%, 2%
CMY	0.9098, 0.2588, 0.9804
CMYK	0.88, 0.00, 0.97, 0.26
HSL	114°, 95%, 38%
HSV	114°, 97%, 74%
XYZ	18.5783, 36.5883, 6.2267
YIQ	118.3900, -39.8720, -92.4160

Conversions

Conversions Part 2

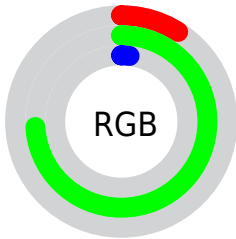
Format	Color
RYB	5, 189, 171
Decimal	1555717
CIELab	66.97, -67.44, 65.99
CIELCh	67, 94.358, 135.622
Yxy	36.5883, 0.3026, 0.5960
Android (android.graphics.Color)	4279745797 (0xFF17BD05)
YUV	118.3900, -55.9013, -83.6570
Hunter-Lab	60.4883, -51.0301, 36.2385

Details

The Hex color **17BD05** is a dark color, and the websafe version is hex **33CC00**. A complement of this color would be **AB05BD**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **6AF750**, and **008600** is the 20% darker color. If you saturate the color by 10%, you get **12BD00**, and if you desaturate by 10%, it is **28BD18**.

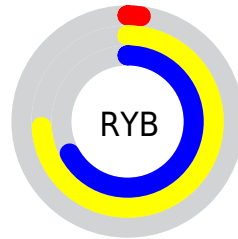
Distribution



Red (9%)

Green (74%)

Blue (2%)



Red (2%)

Yellow (74%)

Blue (67%)

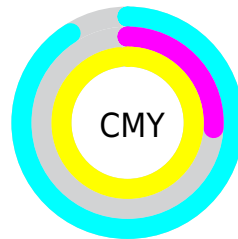


Cyan (88%)

Magenta (0%)

Yellow (97%)

Black (26%)



Cyan (91%)

Magenta (26%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17BD05 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 17BD05 by changing the saturation by 10% instead.

 17BD05

 17BD05

FFFFFF

 00A100

 6AF750

 008600

 8AFF6C

 006B00

 A9FF88

 005100

 C8FFA4

 003A00

 E7FFC1


 002000

 FFFFDE

 000000

 FFFFFC

 17BD05

 17BD05

 12BD00

 28BD18

 39BD2B

 4ABD3E

 5BBD51

 6CBD64

 7DBD76

 8EBD89

 9FBD9C

 B0BDAF

Harmonies

Analogous

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



9CAD00



17BD05



00C576

Triad

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



17BD05



00B9FF



FF317B

Complementary

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



17BD05



AB05BD

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.



FF3CD0



17BD05



009FFF

Square

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



17BD05



00C5FF



DB73FF



FF6426

Rectangle

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



17BD05



00C7B1



DB73FF



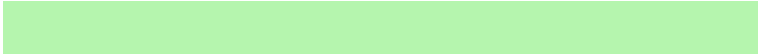
FF2897

Sweetspot

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



17BD05



B5F5AE



BDAB05



547A50



FAFAFA



7A7A7A

Same Dimension

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



17BD05



18F500



05BD4F



565E55



0F9E00



031F00

Inverse Universe

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



AB05BD



DD00F5



BD0573



5D555E



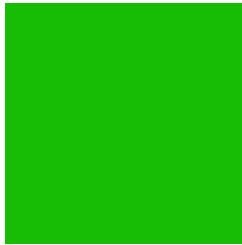
8F009E



1C001F

Previews

White Background



This preview shows how the Hex color 17BD05 looks on a white background.

Color Contrast Check

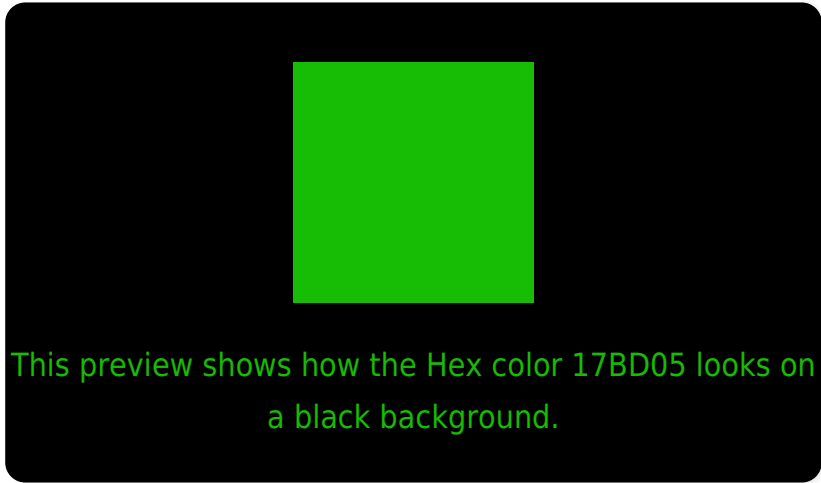
Large Text (above 18pt) WCAG AA × Fail

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

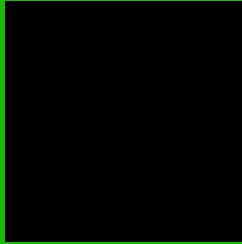
Any Text WCAG AA ✓ Pass

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 17BD05 Background



This preview shows how black text looks on a background with the Hex color 17BD05.

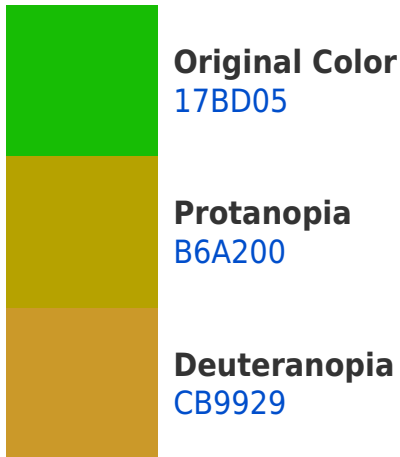


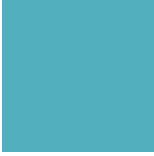
This preview shows how white text looks on a background with the Hex color 17BD05.

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
52B0BE

Trichromacy



Original Color
17BD05



Protanomaly
7CAC02



Deuteranomaly
8AA61C



Tritanomaly
3DB57B

Monochromacy



Original Color
17BD05



Achromatopsia
767676



Achromatomaly
53904D

CSS Examples

Text

The CSS property to change the color of the text to Hex 17BD05 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 #17BD05 looks like.

```
.text, #text, p{  
    color:#17BD05  
}
```

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 #17BD05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17BD05
}
```

Border

The CSS property to change the border of an element to Hex 17BD05 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
#17BD05 }
```

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

```
.border{ border-color:#17BD05 }
```

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

Here you see how a box with a 4 pixel #17BD05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17BD05; -webkit-box-shadow:4px 4px  
4px 4px #17BD05; box-shadow:4px 4px 4px  
4px #17BD05 }
```

Background

The CSS property to change the background color of an element to Hex 17BD05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17BD05 }
```

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

```
.background{ background-color:#17BD05 }
```

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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