

Converting Colors

Hex(02BD05)

Have a look what the booklet for
Hex(02BD05) contains.

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Color

Hex(02BD05)

Conversions

Conversions Part 1

Format	Color
Hex	02BD05
RGB	2, 189, 5
RGB Percent	1%, 74%, 2%
CMY	0.9922, 0.2588, 0.9804
CMYK	0.99, 0.00, 0.97, 0.26
HSL	121°, 98%, 37%
HSV	121°, 99%, 74%
XYZ	18.2500, 36.4191, 6.2113
YIQ	112.1110, -52.3880, -96.8680

Conversions

Conversions Part 2

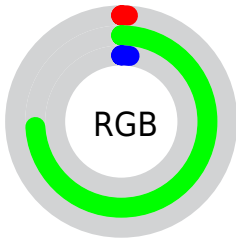
Format	Color
R _Y B	2, 186, 189
Decimal	179461
CIE Lab	66.84, -68.61, 65.84
CIE LCh	67, 95.087, 136.182
Yxy	36.4191, 0.2998, 0.5982
Android (android.graphics.Color)	4278369541 (0xFF02BD05)
YUV	112.1110, -52.8057, -96.5673
Hunter-Lab	60.3482, -51.6288, 36.1414

Details

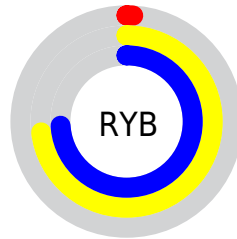
The Hex color **02BD05** is a dark color, and the websafe version is hex **33CC00**. A complement of this color would be **BD02BA**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **65F750**, and **008600** is the 20% darker color. If you saturate the color by 10%, you get **00BD03**, and if you desaturate by 10%, it is **15BD18**.

Distribution



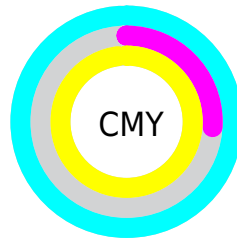
- Red (1%)
- Green (74%)
- Blue (2%)



- Red (1%)
- Yellow (73%)
- Blue (74%)



- Cyan (99%)
- Magenta (0%)
- Yellow (97%)
- Black (26%)



- Cyan (99%)
- Magenta (26%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02BD05 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 02BD05 by changing the saturation by 10% instead.

 02BD05

 02BD05

FFFFFF

 00A100

 65F750

 008600

 86FF6C

 006B00

 A5FF88

 005100

 C4FFA4

 003A00

 E3FFC1

 002000

 FFFFDE

 000000

 FFFFFC

 02BD05

 02BD05

■ 00BD03

■ 15BD18

■ 28BD2A

■ 3BBD3D

■ 4EBD4F

■ 61BD62

■ 73BD75

■ 86BD87

■ 99BD9A

■ ACBDAC

Harmonies

Analogous

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



9AAD00



02BD05



00C577

Triad

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



02BD05



00B8FF



FF2F79

Complementary

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



02BD05



BD02BA

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.



FF38CE



02BD05



009EFF

Square

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



02BD05



00C4FF



DD71FF



FF6423

Rectangle

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



02BD05



00C7B3



DD71FF



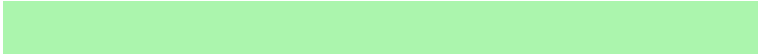
FF2495

Sweetspot

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



02BD05



ABF5AD



BDBD02



4E7A4F



FAFAFA



7A7A7A

Same Dimension

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



02BD05



00F504



02BD60



555E55



009E03



001F00

Inverse Universe

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



BD02BA



F500F1



BD0260



5E555E



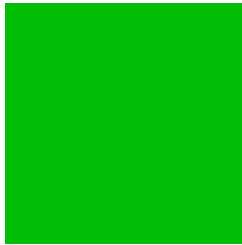
9E009C



1F001E

Previews

White Background



This preview shows how the Hex color 02BD05 looks on a white background.

Color Contrast Check

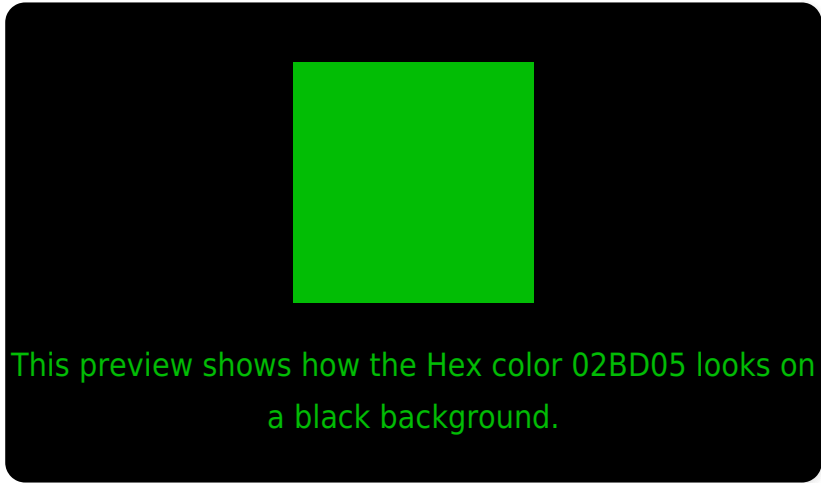
Large Text (above 18pt) WCAG AA × Fail

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 02BD05 Background



This preview shows how black text looks on a background with the Hex color 02BD05.

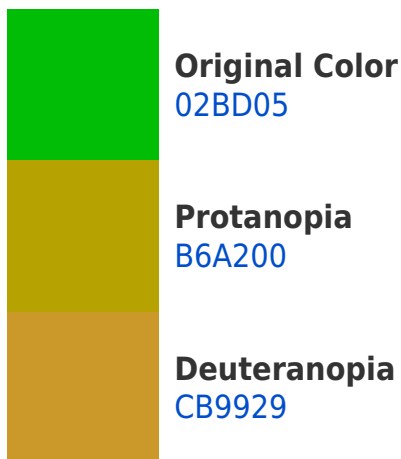


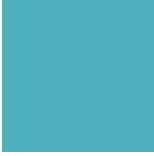
This preview shows how white text looks on a background with the Hex color 02BD05.

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](#).

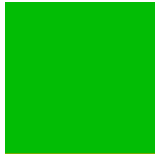
Dichromacy





Tritanopia
4FBOBE

Trichromacy



Original Color
02BD05



Protanomaly
75AC02



Deuteranomaly
82A61C



Tritanomaly
33B57B

Monochromacy



Original Color
02BD05



Achromatopsia
707070



Achromatomaly
488C49

CSS Examples

Text

The CSS property to change the color of the text to Hex 02BD05 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 #02BD05 looks like.

```
.text, #text, p{  
    color:#02BD05  
}
```

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 #02BD05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02BD05
}
```

Border

The CSS property to change the border of an element to Hex 02BD05 is called "border". The border property can be set on classes, ids or directly on the HTML element.

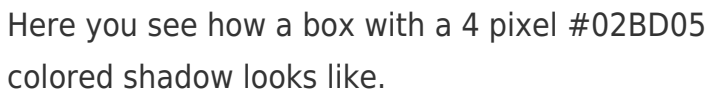
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#02BD05 }
```

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

```
.border{ border-color:#02BD05 }
```

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



Here you see how a box with a 4 pixel #02BD05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02BD05; -webkit-box-shadow:4px 4px  
4px 4px #02BD05; box-shadow:4px 4px 4px  
4px #02BD05 }
```

Background

The CSS property to change the background color of an element to Hex 02BD05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02BD05 }
```

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

```
.background{ background-color:#02BD05 }
```

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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