

Converting Colors

Hex(05B821)

Have a look what the booklet for
Hex(05B821) contains.

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Color

Hex(05B821)

Conversions

Conversions Part 1

Format	Color
Hex	05B821
RGB	5, 184, 33
RGB Percent	2%, 72%, 13%
CMY	0.9804, 0.2784, 0.8706
CMYK	0.97, 0.00, 0.82, 0.28
HSL	129°, 95%, 37%
HSV	129°, 97%, 72%
XYZ	17.4776, 34.4230, 7.1620
YIQ	113.2650, -58.2130, -84.9090

Conversions

Conversions Part 2

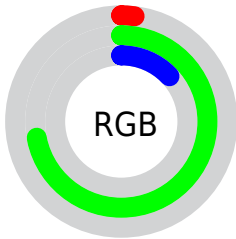
Format	Color
RYB	5, 160, 184
Decimal	374817
CIELab	65.30, -66.09, 59.43
CIELCh	65, 88.884, 138.036
Yxy	34.4230, 0.2959, 0.5828
Android (android.graphics.Color)	4278564897 (0xFF05B821)
YUV	113.2650, -39.5706, -94.9484
Hunter-Lab	58.6712, -49.5010, 33.8323

Details

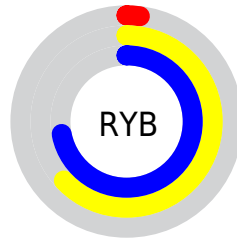
The Hex color **05B821** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **B8059C**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **64F15B**, and **008100** is the 20% darker color. If you saturate the color by 10%, you get **00B81D**, and if you desaturate by 10%, it is **17B831**.

Distribution



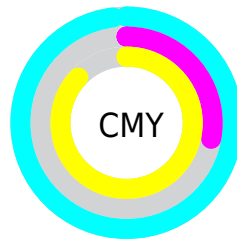
- Red (2%)
- Green (72%)
- Blue (13%)



- Red (2%)
- Yellow (63%)
- Blue (72%)



- Cyan (97%)
- Magenta (0%)
- Yellow (82%)
- Black (28%)



- Cyan (98%)
- Magenta (28%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05B821 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 05B821 by changing the saturation by 10% instead.

 05B821

 05B821


FFFFFF

 009C00

 64F15B

 008100

 83FF77

 006700

 A2FF93

 004D00

 C1FFAF

 003600

 E0FFCB

 001B00

 FEFFE8

 000000

 05B821

 05B821

 00B81D

 17B831

 2AB840

 3CB850

 4FB85F

 61B86F

 73B87E

 86B88E

 98B89D

 ABB8AD

Harmonies

Analogous

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



92A900



05B821



00BF7B

Triad

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



05B821



00B1FF



FF3E73

Complementary

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



05B821



B8059C

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.



FF40C2



05B821



3298FF

Square

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



05B821



00BEFF



DB6FFF



FF6924

Rectangle

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



05B821



00C1B3



DB6FFF



FF368D

Sweetspot

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



05B821



AAF0B5



9DB805



4E7854



F7F7F7



787878

Same Dimension

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



05B821



00F025



05B879



535C54



009C18



001C04

Inverse Universe

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



B8059C



F000CA



B80544



5C535A



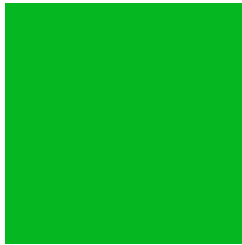
9C0083



1C0018

Previews

White Background



This preview shows how the Hex color 05B821 looks on a white background.

Color Contrast Check

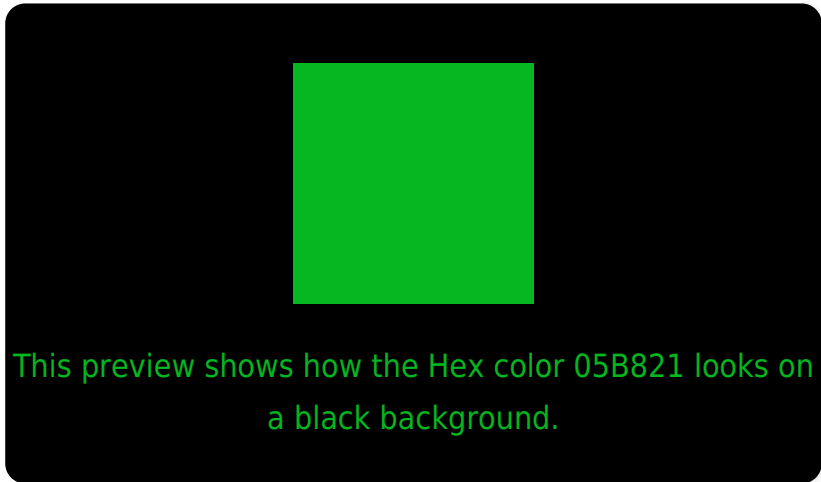
Large Text (above 18pt) WCAG AA × Fail

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 05B821 Background



This preview shows how black text looks on a background with the Hex color 05B821.

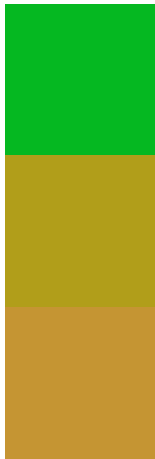


This preview shows how white text looks on a background with the Hex color 05B821.

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



Original Color
05B821

Protanopia
B19E1A

Deuteranopia
C59533



Tritanopia
4DABB9

Trichromacy



Original Color
05B821



Protanomaly
72A71D



Deuteranomaly
7FA22C



Tritanomaly
33B082

Monochromacy



Original Color
05B821



Achromatopsia
717171



Achromatomaly
4A8B54

CSS Examples

Text

The CSS property to change the color of the text to Hex 05B821 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 #05B821 looks like.

```
.text, #text, p{  
    color:#05B821  
}
```

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 #05B821 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05B821
}
```

Border

The CSS property to change the border of an element to Hex 05B821 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
#05B821 }
```

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

```
.border{ border-color:#05B821 }
```

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

Here you see how a box with a 4 pixel #05B821 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05B821; -webkit-box-shadow:4px 4px  
4px 4px #05B821; box-shadow:4px 4px 4px  
4px #05B821 }
```

Background

The CSS property to change the background color of an element to Hex 05B821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05B821 }
```

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

```
.background{ background-color:#05B821 }
```

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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