

Converting Colors

Hex(05AD18)

Have a look what the booklet for
Hex(05AD18) contains.

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Color

Hex(05AD18)

Conversions

Conversions Part 1

Format	Color
Hex	05AD18
RGB	5, 173, 24
RGB Percent	2%, 68%, 9%
CMY	0.9804, 0.3216, 0.9059
CMYK	0.97, 0.00, 0.86, 0.32
HSL	127°, 94%, 35%
HSV	127°, 97%, 68%
XYZ	15.1710, 29.9854, 5.8523
YIQ	105.7820, -52.2990, -81.9550

Conversions

Conversions Part 2

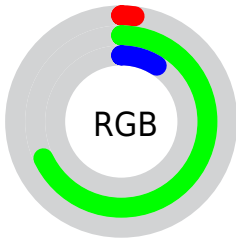
Format	Color
RYB	5, 156, 173
Decimal	371992
CIELab	61.64, -63.44, 58.39
CIELCh	62, 86.217, 137.374
Yxy	29.9854, 0.2974, 0.5878
Android (android.graphics.Color)	4278562072 (0xFF05AD18)
YUV	105.7820, -40.3185, -88.3858
Hunter-Lab	54.7589, -46.3744, 31.9946

Details

The Hex color **05AD18** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **AD059A**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **60E654**, and **007700** is the 20% darker color. If you saturate the color by 10%, you get **00AD14**, and if you desaturate by 10%, it is **16AD27**.

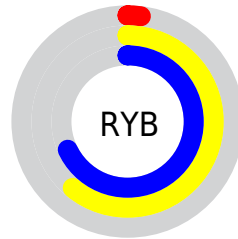
Distribution



Red (2%)

Green (68%)

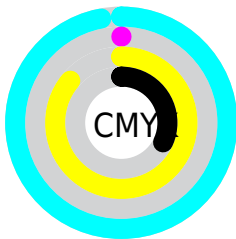
Blue (9%)



Red (2%)

Yellow (61%)

Blue (68%)

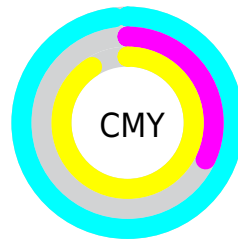


Cyan (97%)

Magenta (0%)

Yellow (86%)

Black (32%)



Cyan (98%)

Magenta (32%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05AD18 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 05AD18 by changing the saturation by 10% instead.

 05AD18

 05AD18

FFFFFF

 009200

 60E654

 007700

 80FF6F

 005D00

 9EFF8B

 004400

 BDFFA7

 002C00

 DBFFC3

 000B00

 FAFFE0

 000000

 FFFFFD

 05AD18

 05AD18

 00AD14

 16AD27

 28AD37

 39AD46

 4AAD55

 5CAD65

 6DAD74

 7EAD83

 8FAD93

 A1ADA2

Harmonies

Analogous

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



8A9F00



05AD18



00B471

Triad

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



05AD18



00A7FF



FF356C

Complementary

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



05AD18



AD059A

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.



FF39B9



05AD18



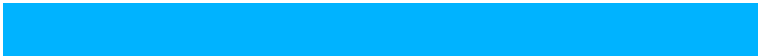
158FFF

Square

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



05AD18



00B3FF



CD68FE



FF6020

Rectangle

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



05AD18



00B6A6



CD68FE



FF2D86

Sweetspot

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



05AD18



9FE0A7



9CAD05



49704D



F0F0F0



707070

Same Dimension

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



05AD18



00E019



05AD6A



4E574F



009611



001703

Inverse Universe

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



AD059A



E000C7



AD0548



574E56



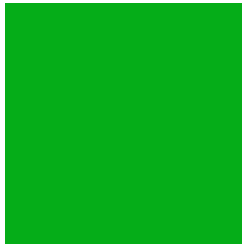
960085



170014

Previews

White Background



This preview shows how the Hex color 05AD18 looks on a white background.

Color Contrast Check

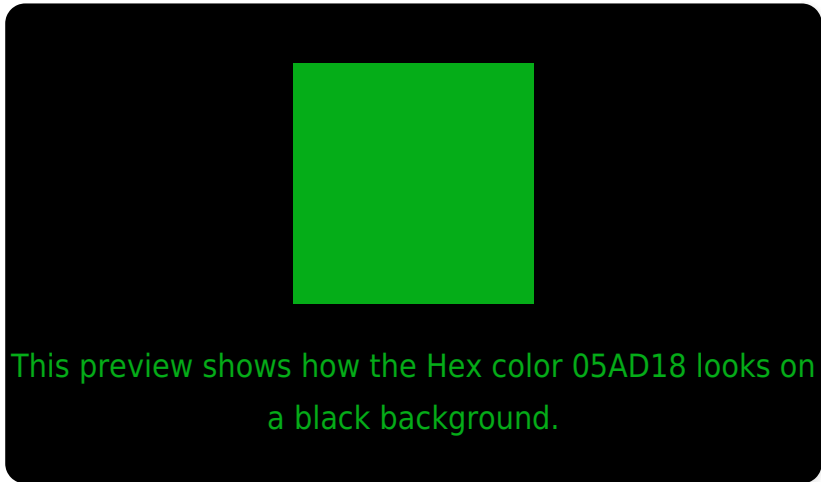
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

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

Hex 05AD18 Background



This preview shows how black text looks on a background with the Hex color 05AD18.

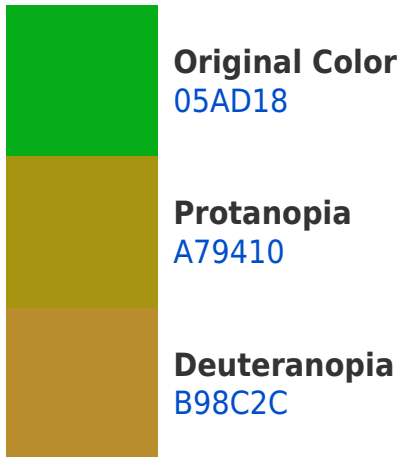


This preview shows how white text looks on a background with the Hex color 05AD18.

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
48A1AE

Trichromacy



Original Color
05AD18



Protanomaly
6C9D13



Deuteranomaly
789825



Tritanomaly
30A577

Monochromacy



Original Color
05AD18



Achromatopsia
6A6A6A



Achromatomaly
45824C

CSS Examples

Text

The CSS property to change the color of the text to Hex 05AD18 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 #05AD18 looks like.

```
.text, #text, p{  
    color:#05AD18  
}
```

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 #05AD18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05AD18
}
```

Border

The CSS property to change the border of an element to Hex 05AD18 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
#05AD18 }
```

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

```
.border{ border-color:#05AD18 }
```

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

Here you see how a box with a 4 pixel #05AD18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05AD18; -webkit-box-shadow:4px 4px  
4px 4px #05AD18; box-shadow:4px 4px 4px  
4px #05AD18 }
```

Background

The CSS property to change the background color of an element to Hex 05AD18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05AD18 }
```

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

```
.background{ background-color:#05AD18 }
```

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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