

Converting Colors

Hex(00A505)

Have a look what the booklet for
Hex(00A505) contains.

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Color

Hex(00A505)

Conversions

Conversions Part 1

Format	Color
Hex	00A505
RGB	0, 165, 5
RGB Percent	0%, 65%, 2%
CMY	1.0000, 0.3529, 0.9804
CMYK	1.00, 0.00, 0.97, 0.35
HSL	122°, 100%, 32%
HSV	122°, 100%, 65%
XYZ	13.4825, 26.9212, 4.6293
YIQ	97.4250, -46.9800, -84.7400

Conversions

Conversions Part 2

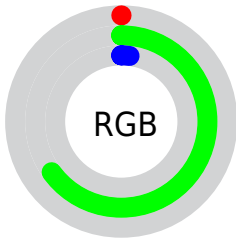
Format	Color
RYB	0, 160, 165
Decimal	42245
CIELab	58.90, -62.09, 59.34
CIELCh	59, 85.881, 136.298
Yxy	26.9212, 0.2994, 0.5978
Android (android.graphics.Color)	4278232325 (0xFF00A505)
YUV	97.4250, -45.5655, -85.4417
Hunter-Lab	51.8857, -44.4166, 31.0300

Details

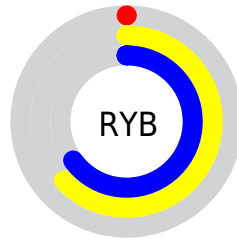
The Hex color **00A505** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A500A0**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **5DDD4A**, and **006F00** is the 20% darker color. If you saturate the color by 10%, you get **00A505**, and if you desaturate by 10%, it is **10A515**.

Distribution



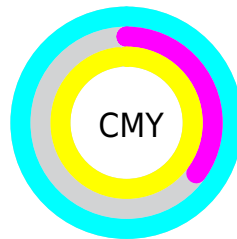
- Red (0%)
- Green (65%)
- Blue (2%)



- Red (0%)
- Yellow (63%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (97%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A505 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 00A505 by changing the saturation by 10% instead.



00A505



00A505

FFFFFF



008A00



5DDD4A



006F00



7DFA66



005600



9BFF81



003D00



B9FF9D



002500



D7FFB9



000000



F6FFD6



FFFFFF3



00A505

 10A515

 21A525

 32A535

 42A545

 52A555

 63A565

 73A575

 84A585

 94A595

Harmonies

Analogous

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



859700



00A505



00AC67

Triad

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



00A505



00A1FF



FF2869

Complementary

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



00A505



A500A0

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.



FF30B4



00A505



0089FF

Square

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



00A505



00ABFA



C262F7



F8571D

Rectangle

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



00A505



00AE9C



C262F7



FF1F81

Sweetspot

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



00A505



96D698



A2A500



456B46



EBEBEB



6B6B6B

Same Dimension

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



00A505



00D606



00A555



49524A



009104



001201

Inverse Universe

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



A500A0



D600D0



A50050



524951



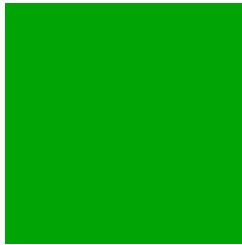
91008D



120011

Previews

White Background



This preview shows how the Hex color 00A505 looks on a white background.

Color Contrast Check

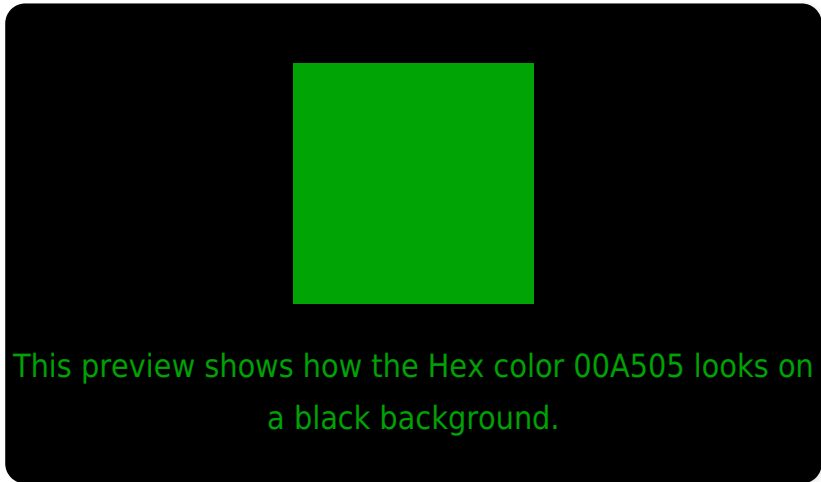
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex 00A505 Background



This preview shows how black text looks on a background with the Hex color 00A505.



This preview shows how white text looks on a background with the Hex color 00A505.

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
00A505

Protanopia
9F8D00

Deuteranopia
B18624



Tritanopia
4599A6

Trichromacy



Original Color
00A505



Protanomaly
659602



Deuteranomaly
719119



Tritanomaly
2C9D6B

Monochromacy



Original Color
00A505



Achromatopsia
616161



Achromatomaly
3E7A40

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A505 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 #00A505 looks like.

```
.text, #text, p{  
    color:#00A505  
}
```

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 #00A505 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A505
}
```

Border

The CSS property to change the border of an element to Hex 00A505 is called "border". The border property can be set on classes, ids or directly on the HTML element.

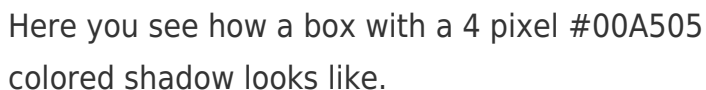
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00A505 }
```

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

```
.border{ border-color:#00A505 }
```

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



Here you see how a box with a 4 pixel #00A505 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A505; -webkit-box-shadow:4px 4px  
4px 4px #00A505; box-shadow:4px 4px 4px  
4px #00A505 }
```

Background

The CSS property to change the background color of an element to Hex 00A505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A505 }
```

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

```
.background{ background-color:#00A505 }
```

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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