

Converting Colors

Hex(00A205)

Have a look what the booklet for
Hex(00A205) contains.

Hex(00A205)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00A205)

Conversions

Conversions Part 1

Format	Color
Hex	00A205
RGB	0, 162, 5
RGB Percent	0%, 64%, 2%
CMY	1.0000, 0.3647, 0.9804
CMYK	1.00, 0.00, 0.97, 0.36
HSL	122°, 100%, 32%
HSV	122°, 100%, 64%
XYZ	12.9477, 25.8516, 4.4510
YIQ	95.6640, -46.1550, -83.1710

Conversions

Conversions Part 2

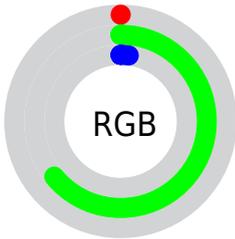
Format	Color
RYB	0, 157, 162
Decimal	41477
CIELab	57.90, -61.25, 58.51
CIELCh	58, 84.704, 136.309
Yxy	25.8516, 0.2994, 0.5977
Android (android.graphics.Color)	4278231557 (0xFF00A205)
YUV	95.6640, -44.6974, -83.8973
Hunter-Lab	50.8445, -43.5222, 30.4008

Details

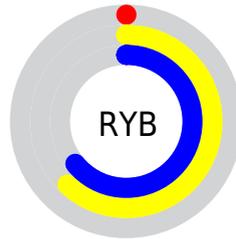
The Hex color **00A205** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A2009D**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **5DDA4A**, and **006D00** is the 20% darker color. If you saturate the color by 10%, you get **00A205**, and if you desaturate by 10%, it is **10A215**.

Distribution



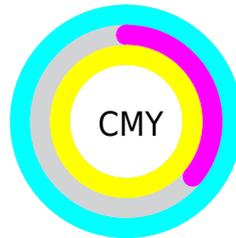
- Red (0%)
- Green (64%)
- Blue (2%)



- Red (0%)
- Yellow (62%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (97%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A205 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 00A205 by changing the saturation by 10% instead.

 00A205

 00A205

FFFFFF

 008700

 5DDA4A

 006D00

 7CF765

 005300

 9AFF80

 003B00

 B8FF9C

 002200

 D6FFB8

 000000

 F4FFD5

 FFFFF2

 00A205

 10A215

 20A224

 31A234

 41A244

 51A254

 61A263

 71A273

 82A283

 92A292

Harmonies

Analogous

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



839400



00A205



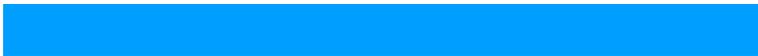
00A965

Triad

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



00A205



009EFF



FF2767

Complementary

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



00A205



A2009D

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.



FC2FB0



00A205



0087FF

Square

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



00A205



00A8F6



BE60F3



F4551C

Rectangle

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



00A205



00AA99



BE60F3



FF1E7F

Sweetspot

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



00A205



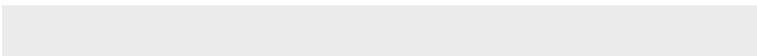
94D496



9FA200



456B46



EBEBEB



6B6B6B

Same Dimension

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



00A205



00D407



00A254



49524A



009104



001201

Inverse Universe

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



A2009D



D400CD



A2004E



524951



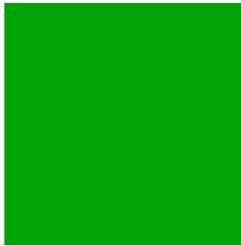
91008D



120011

Previews

White Background



This preview shows how the Hex color 00A205 looks on a white background.

Color Contrast Check

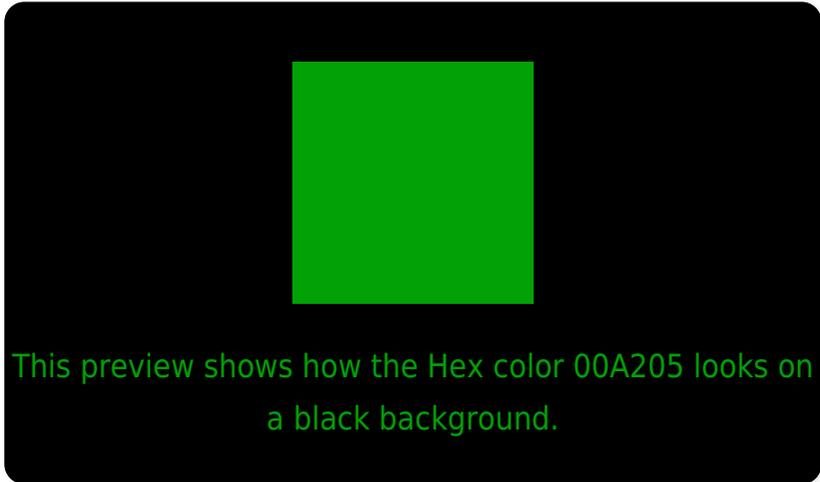
Large Text (above 18pt) WCAG AA ✓ Pass

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 00A205 Background



This preview shows how black text looks on a background with the Hex color 00A205.



This preview shows how white text looks on a background with the Hex color 00A205.

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](#).

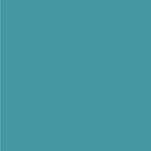
Dichromacy



Original Color
00A205

Protanopia
9C8B00

Deuteranopia
AE8323



Tritanopia
4497A3

Trichromacy



Original Color
00A205



Protanomaly
639302



Deuteranomaly
6F8E18



Tritanomaly
2B9B6A

Monochromacy



Original Color
00A205



Achromatopsia
606060



Achromatomaly
3D783F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A205 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 #00A205 looks like.

```
.text, #text, p{  
    color:#00A205  
}
```

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 #00A205 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A205
}
```

Border

The CSS property to change the border of an element to Hex 00A205 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".

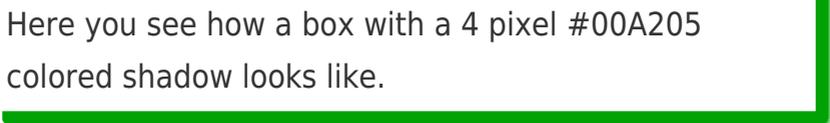
```
.border, #border, table{ border:4px solid
#00A205 }
```

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

```
.border{ border-color:#00A205 }
```

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

Here you see how a box with a 4 pixel #00A205 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a thick, solid green line that is 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A205; -webkit-box-shadow:4px 4px  
4px 4px #00A205; box-shadow:4px 4px 4px  
4px #00A205 }
```

Background

The CSS property to change the background color of an element to Hex 00A205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A205 }
```

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

```
.background{ background-color:#00A205 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor