

Converting Colors

Hex(01AA21)

Have a look what the booklet for
Hex(01AA21) contains.

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Color

Hex(01AA21)

Conversions

Conversions Part 1

Format	Color
Hex	01AA21
RGB	1, 170, 33
RGB Percent	0%, 67%, 13%
CMY	0.9961, 0.3333, 0.8706
CMYK	0.99, 0.00, 0.81, 0.33
HSL	131°, 99%, 34%
HSV	131°, 99%, 67%
XYZ	14.6618, 28.8657, 6.2377
YIQ	103.8510, -56.7470, -78.4350

Conversions

Conversions Part 2

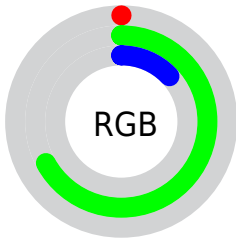
Format	Color
RYB	1, 143, 170
Decimal	109089
CIELab	60.66, -62.29, 55.08
CIELCh	61, 83.147, 138.516
Yxy	28.8657, 0.2946, 0.5800
Android (android.graphics.Color)	4278299169 (0xFF01AA21)
YUV	103.8510, -34.9295, -90.2003
Hunter-Lab	53.7268, -45.3103, 30.7252

Details

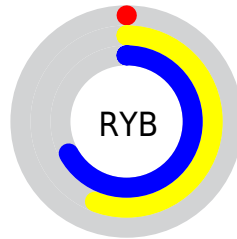
The Hex color **01AA21** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **AA018A**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **5EE359**, and **007400** is the 20% darker color. If you saturate the color by 10%, you get **00AA20**, and if you desaturate by 10%, it is **12AA2F**.

Distribution



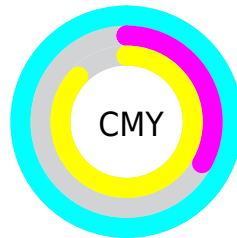
- Red (0%)
- Green (67%)
- Blue (13%)



- Red (0%)
- Yellow (56%)
- Blue (67%)



- Cyan (99%)
- Magenta (0%)
- Yellow (81%)
- Black (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 01AA21 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 01AA21 by changing the saturation by 10% instead.

 01AA21

 01AA21

FFFFFF

 008F00

 5EE359

 007400

 7EFF74

 005A00

 9CFF90

 004100

 BAFFAB

 002A00

 D8FFC8

 000500

 F7FFE4

 000000

 01AA21

 01AA21

 00AA20

 12AA2F

 23AA3D

 34AA4A

 45AA58

 56AA66

 67AA74

 78AA81

 89AA8F

 9AAA9D

Harmonies

Analogous

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



869D00



01AA21



00B073

Triad

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



01AA21



00A3FF



FF3B69

Complementary

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



01AA21



AA018A

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.



FF3CB2



01AA21



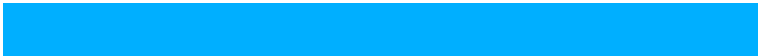
378BFF

Square

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



01AA21



00AFFF



CC66F5



F96220

Rectangle

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



01AA21



00B2A6



CC66F5



FF3381

Sweetspot

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



01AA21



9BDEA8



8BAA01



48704F



F0F0F0



707070

Same Dimension

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



01AA21



00DE2A



01AA74



4C544D



00941C



001404

Inverse Universe

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



AA018A



DE00B4



AA0137



544C53



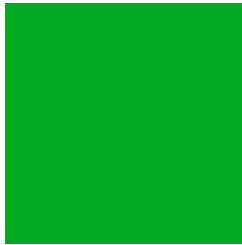
940078



140011

Previews

White Background



This preview shows how the Hex color 01AA21 looks on a white background.

Color Contrast Check

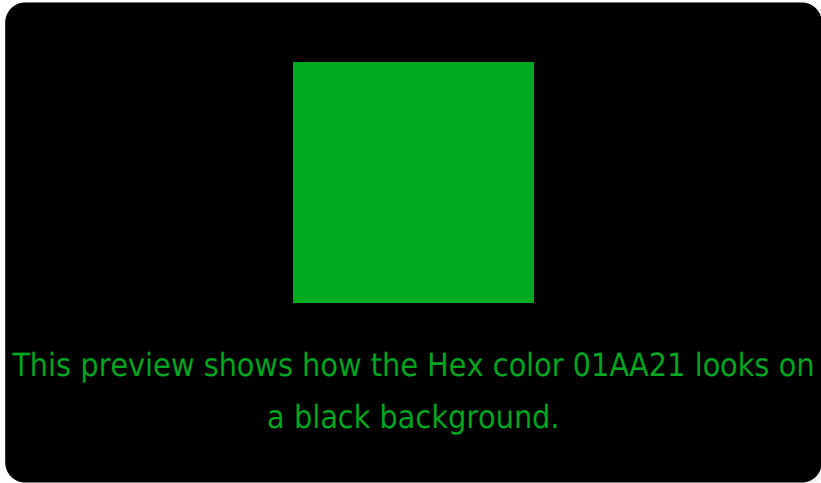
Large Text (above 18pt) WCAG AA ✓ Pass

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 01AA21 Background



This preview shows how black text looks on a background with the Hex color 01AA21.



This preview shows how white text looks on a background with the Hex color 01AA21.

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
01AA21

Protanopia
A4921B

Deuteranopia
B68A30



Tritanopia
479EAB

Trichromacy



Original Color
01AA21



Protanomaly
699B1D



Deuteranomaly
74962B



Tritanomaly
2EA279

Monochromacy



Original Color
01AA21



Achromatopsia
686868



Achromatomaly
43804E

CSS Examples

Text

The CSS property to change the color of the text to Hex 01AA21 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 #01AA21 looks like.

```
.text, #text, p{  
    color:#01AA21  
}
```

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 #01AA21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01AA21
}
```

Border

The CSS property to change the border of an element to Hex 01AA21 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".

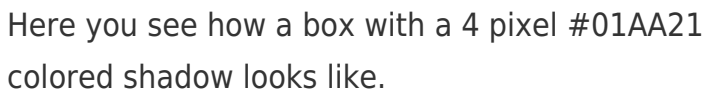
```
.border, #border, table{ border:4px solid
#01AA21 }
```

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

```
.border{ border-color:#01AA21 }
```

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

Here you see how a box with a 4 pixel #01AA21 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 4px solid green color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01AA21; -webkit-box-shadow:4px 4px  
4px 4px #01AA21; box-shadow:4px 4px 4px  
4px #01AA21 }
```

Background

The CSS property to change the background color of an element to Hex 01AA21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01AA21 }
```

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

```
.background{ background-color:#01AA21 }
```

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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