

Converting Colors

Hex(00AB22)

Have a look what the booklet for
Hex(00AB22) contains.

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Color

Hex(00AB22)

Conversions

Conversions Part 1

Format	Color
Hex	00AB22
RGB	0, 171, 34
RGB Percent	0%, 67%, 13%
CMY	1.0000, 0.3294, 0.8667
CMYK	1.00, 0.00, 0.80, 0.33
HSL	132°, 100%, 34%
HSV	132°, 100%, 67%
XYZ	14.8516, 29.2413, 6.3748
YIQ	104.2530, -57.9390, -78.8590

Conversions

Conversions Part 2

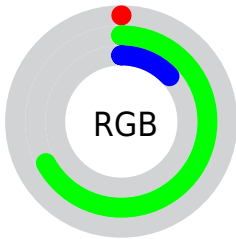
Format	Color
R_{YB}	0, 143, 171
Decimal	43810
CIE _{Lab}	60.99, -62.56, 55.09
CIE _{LCh}	61, 83.360, 138.635
Yxy	29.2413, 0.2943, 0.5794
Android (android.graphics.Color)	4278233890 (0xFF00AB22)
YUV	104.2530, -34.6347, -91.4299
Hunter-Lab	54.0752, -45.6070, 30.8632

Details

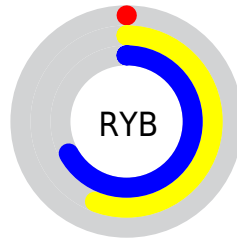
The Hex color **00AB22** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **AB0089**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **5EE45A**, and **007500** is the 20% darker color. If you saturate the color by 10%, you get **00AB22**, and if you desaturate by 10%, it is **11AB30**.

Distribution



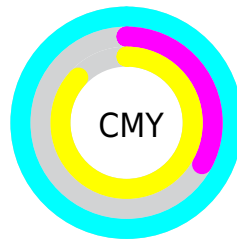
- Red (0%)
- Green (67%)
- Blue (13%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (80%)
- Black (33%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00AB22 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 00AB22 by changing the saturation by 10% instead.

 00AB22

 00AB22

FFFFFF

 009000

 5EE45A

 007500

 7EFF75

 005B00

 9CFF90

 004200

 BAFFAC

 002A00


 D9FFC9

 000700

 F7FFE5

 000000

 00AB22

 11AB30

 22AB3D

 33AB4B

 44AB59

 55AB66

 67AB74

 78AB82

 89AB90

 9AAB9D

Harmonies

Analogous

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



879E00



00AB22



00B174

Triad

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



00AB22



00A4FF



FF3B69

Complementary

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



00AB22



AB0089

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.



FF3DB2



00AB22



3A8CFF

Square

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



00AB22



00B0FF



CD66F6



FA6320

Rectangle

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



00AB22



00B3A7



CD66F6



FF3481

Sweetspot

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



00AB22



9BDEA9



8CAB00



487050



F0F0F0



707070

Same Dimension

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



00AB22



00DE2C



00AB75



4E5750



00961E



001705

Inverse Universe

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



AB0089



DE00B2



AB0036



574E55



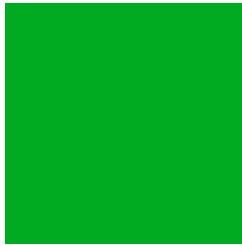
960079



170012

Previews

White Background



This preview shows how the Hex color 00AB22 looks on a white background.

Color Contrast Check

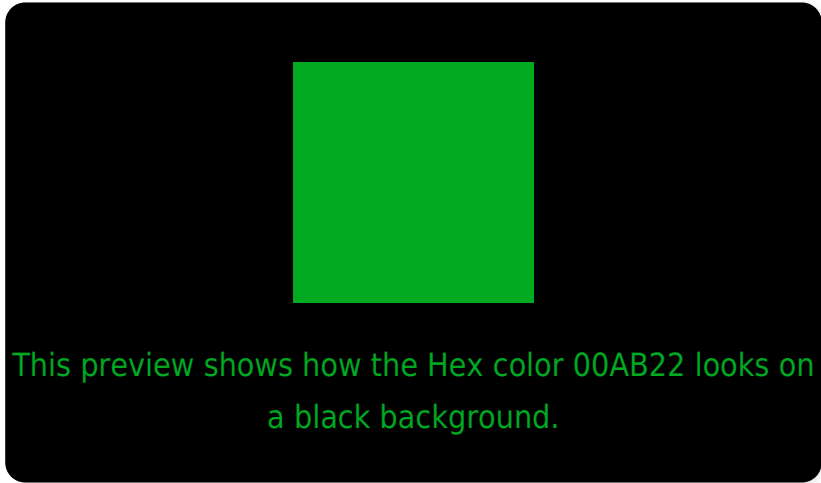
Large Text (above 18pt) WCAG AA ✓ Pass

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 00AB22 Background



This preview shows how black text looks on a background with the Hex color 00AB22.



This preview shows how white text looks on a background with the Hex color 00AB22.

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
00AB22

Protanopia
A5931C

Deuteranopia
B78B31

Trichromacy



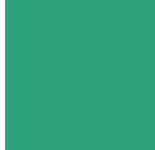
Original Color
00AB22



Protanomaly
699C1E



Deuteranomaly
74972C



Tritanomaly
2DA37A

Monochromacy



Original Color
00AB22



Achromatopsia
686868



Achromatomaly
42804F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00AB22 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 #00AB22 looks like.

```
.text, #text, p{  
    color:#00AB22  
}
```

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 #00AB22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00AB22
}
```

Border

The CSS property to change the border of an element to Hex 00AB22 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
#00AB22 }
```

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

```
.border{ border-color:#00AB22 }
```

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

Here you see how a box with a 4 pixel #00AB22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00AB22; -webkit-box-shadow:4px 4px  
4px 4px #00AB22; box-shadow:4px 4px 4px  
4px #00AB22 }
```

Background

The CSS property to change the background color of an element to Hex 00AB22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00AB22 }
```

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

```
.background{ background-color:#00AB22 }
```

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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