

Converting Colors

Hex(00BA44)

Have a look what the booklet for
Hex(00BA44) contains.

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Color

Hex(00BA44)

Conversions

Conversions Part 1

Format	Color
Hex	00BA44
RGB	0, 186, 68
RGB Percent	0%, 73%, 27%
CMY	1.0000, 0.2706, 0.7333
CMYK	1.00, 0.00, 0.63, 0.27
HSL	142°, 100%, 36%
HSV	142°, 100%, 73%
XYZ	18.6023, 35.5352, 11.3474
YIQ	116.9340, -72.9780, -76.1300

Conversions

Conversions Part 2

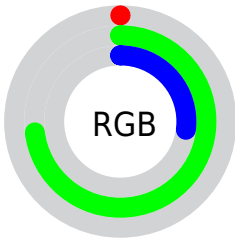
Format	Color
RYB	0, 136, 186
Decimal	47684
CIELab	66.16, -63.85, 47.54
CIELCh	66, 79.608, 143.330
Yxy	35.5352, 0.2841, 0.5426
Android (android.graphics.Color)	4278237764 (0xFF00BA44)
YUV	116.9340, -24.1245, -102.5511
Hunter-Lab	59.6114, -48.6173, 30.4418

Details

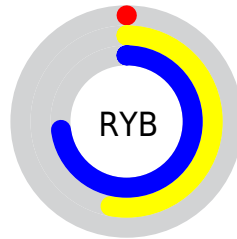
The Hex color **00BA44** is a dark color, and the websafe version is hex **00CC66**. A complement of this color would be **BA0076**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **61F378**, and **008309** is the 20% darker color. If you saturate the color by 10%, you get **00BA44**, and if you desaturate by 10%, it is **13BA50**.

Distribution



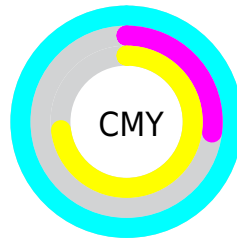
- Red (0%)
- Green (73%)
- Blue (27%)



- Red (0%)
- Yellow (53%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (63%)
- Black (27%)



- Cyan (100%)
- Magenta (27%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00BA44 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 00BA44 by changing the saturation by 10% instead.

 00BA44

 00BA44

FFFFFF

 009E29

 61F378

 008309

 81FF93

 006900

 A0FFAF

 004F00

 BEFFCB

 003700

 DDFFE8

 001E00

 FCFFFF

 000000

 00BA44

 13BA50

 25BA5C

 38BA67

 4ABA73

 5DBA7F

 70BA8B

 82BA97

 95BAA2

 A7BAAE

Harmonies

Analogous

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



8BAE00



00BA44



00C08E

Triad

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



00BA44



00AEFF



FF596D

Complementary

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



00BA44



BA0076

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.



FF53B4



00BA44



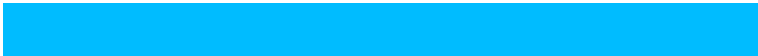
7A95FF

Square

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



00BA44



00BCFF



E672F7



FF792A

Rectangle

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



00BA44



00C1C0



E672F7



FF5284

Sweetspot

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



00BA44



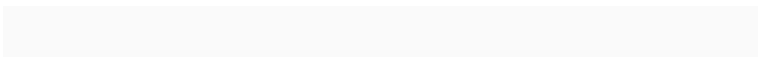
AAF2C4



79BA00



4E7A5E



FAFAFA



7A7A7A

Same Dimension

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



00BA44



00F259



00BA9E



535C56



009C39



001C0A

Inverse Universe

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



BA0076



F2009A



BA001C



5C5358



9C0063



1C0012

Previews

White Background



This preview shows how the Hex color 00BA44 looks on a white background.

Color Contrast Check

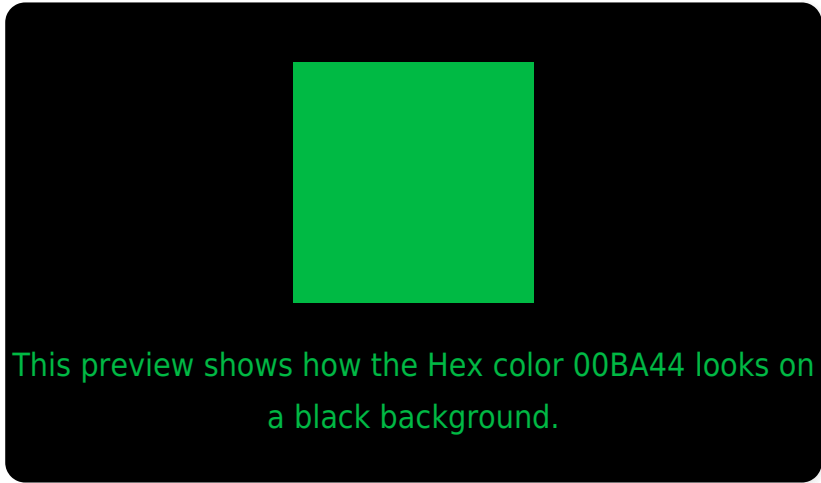
Large Text (above 18pt) WCAG AA × Fail

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 00BA44 Background



This preview shows how black text looks on a background with the Hex color 00BA44.

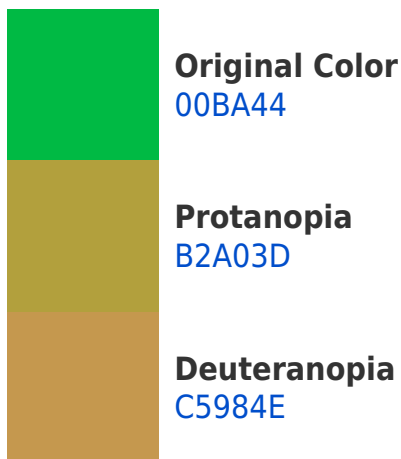


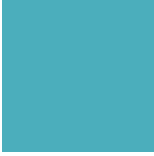
This preview shows how white text looks on a background with the Hex color 00BA44.

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





Trichromacy



Original Color

00BA44



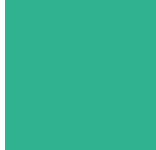
Protanomaly

71A940



Deuteranomaly

7DA44A



Tritanomaly

30B290

Monochromacy



Original Color

00BA44



Achromatopsia

757575



Achromatomaly

4A8E63

CSS Examples

Text

The CSS property to change the color of the text to Hex 00BA44 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 #00BA44 looks like.

```
.text, #text, p{  
    color:#00BA44  
}
```

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 #00BA44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BA44  
}
```

Border

The CSS property to change the border of an element to Hex 00BA44 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  
#00BA44 }
```

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

```
.border{ border-color:#00BA44 }
```

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

Here you see how a box with a 4 pixel #00BA44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BA44; -webkit-box-shadow:4px 4px  
4px 4px #00BA44; box-shadow:4px 4px 4px  
4px #00BA44 }
```

Background

The CSS property to change the background color of an element to Hex 00BA44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BA44 }
```

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

```
.background{ background-color:#00BA44 }
```

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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