

Converting Colors

Hex(00A94B)

Have a look what the booklet for
Hex(00A94B) contains.

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Color

Hex(00A94B)

Conversions

Conversions Part 1

Format	Color
Hex	00A94B
RGB	0, 169, 75
RGB Percent	0%, 66%, 29%
CMY	1.0000, 0.3373, 0.7059
CMYK	1.00, 0.00, 0.56, 0.34
HSL	147°, 100%, 33%
HSV	147°, 100%, 66%
XYZ	15.4580, 28.8839, 11.4170
YIQ	107.7530, -70.5500, -65.0620

Conversions

Conversions Part 2

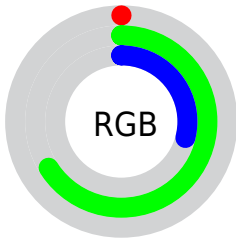
Format	Color
RYB	0, 117, 169
Decimal	43339
CIELab	60.68, -57.59, 37.89
CIELCh	61, 68.939, 146.655
Yxy	28.8839, 0.2772, 0.5180
Android (android.graphics.Color)	4278233419 (0xFF00A94B)
YUV	107.7530, -16.1472, -94.4994
Hunter-Lab	53.7438, -42.7108, 25.0254

Details

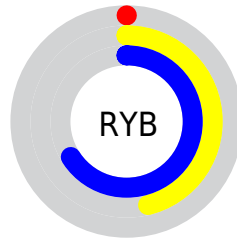
The Hex color **00A94B** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A9005E**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **5CE27E**, and **007319** is the 20% darker color. If you saturate the color by 10%, you get **00A94B**, and if you desaturate by 10%, it is **11A954**.

Distribution



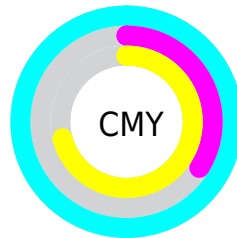
- Red (0%)
- Green (66%)
- Blue (29%)



- Red (0%)
- Yellow (46%)
- Blue (66%)



- Cyan (100%)
- Magenta (0%)
- Yellow (56%)
- Black (34%)



- Cyan (100%)
- Magenta (34%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A94B 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 00A94B by changing the saturation by 10% instead.

 00A94B

 00A94B

FFFFFF

 008E32

 5CE27E

 007319

 7BFF99

 005900

 99FFB4

 004000

 B6FFD0

 002A00


 D4FFEC

 000500

 F3FFFF

 000000

 00A94B

 11A954

 22A95E

 33A967

 44A971

 54A97A

 65A983

 76A98D

 87A996

 98A9A0

Harmonies

Analogous

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



7A9F0A



00A94B



00AE89

Triad

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



00A94B



009CFF



FC5B60

Complementary

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



00A94B



A9005E

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.



FA539C



00A94B



8385FF

Square

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



00A94B



00A9F8



D568D6



E27429

Rectangle

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



00A94B



00AEB4



D568D6



FF5573

Sweetspot

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



00A94B



9ADBB7



60A900



466E58



EDEDED



6E6E6E

Same Dimension

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



00A94B



00DB61



00A99E



4C544F



009442



001409

Inverse Universe

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



A9005E



DB007A



A9000B



544C50



940052



14000B

Previews

White Background



This preview shows how the Hex color 00A94B looks on a white background.

Color Contrast Check

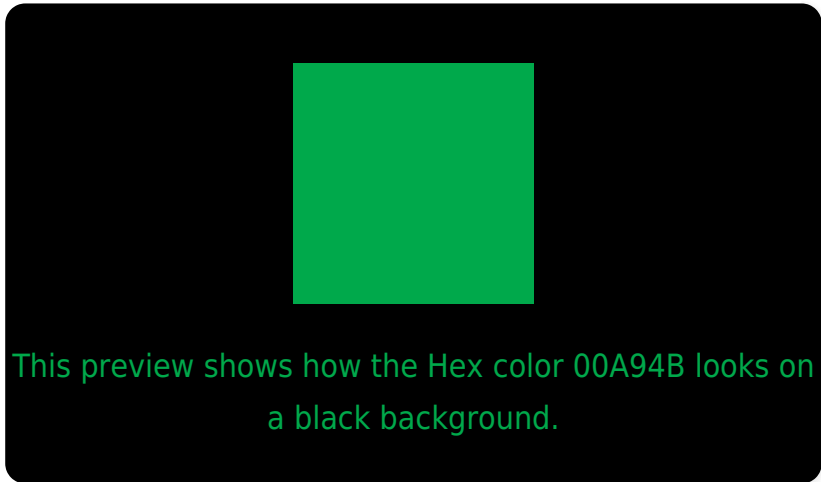
Large Text (above 18pt) WCAG AA ✓ Pass

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 00A94B Background



This preview shows how black text looks on a background with the Hex color 00A94B.

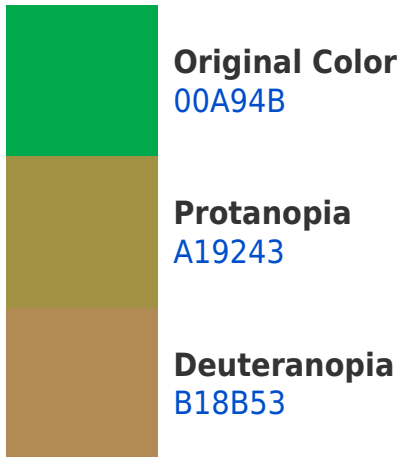


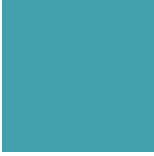
This preview shows how white text looks on a background with the Hex color 00A94B.

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
00A94B



Protanomaly
669A46



Deuteranomaly
719650



Tritanomaly
2AA389

Monochromacy



Original Color
00A94B



Achromatopsia
6C6C6C



Achromatomaly
458260

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A94B 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 #00A94B looks like.

```
.text, #text, p{  
    color:#00A94B  
}
```

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 #00A94B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A94B
}
```

Border

The CSS property to change the border of an element to Hex 00A94B 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
#00A94B }
```

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

```
.border{ border-color:#00A94B }
```

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

Here you see how a box with a 4 pixel #00A94B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A94B; -webkit-box-shadow:4px 4px  
4px 4px #00A94B; box-shadow:4px 4px 4px  
4px #00A94B }
```

Background

The CSS property to change the background color of an element to Hex 00A94B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A94B }
```

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

```
.background{ background-color:#00A94B }
```

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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