

Converting Colors

Hex(009C44)

Have a look what the booklet for
Hex(009C44) contains.

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Color

Hex(009C44)

Conversions

Conversions Part 1

Format	Color
Hex	009C44
RGB	0, 156, 68
RGB Percent	0%, 61%, 27%
CMY	1.0000, 0.3882, 0.7333
CMYK	1.00, 0.00, 0.56, 0.39
HSL	146°, 100%, 31%
HSV	146°, 100%, 61%
XYZ	12.9319, 24.1943, 9.4572
YIQ	99.3240, -64.7280, -60.4400

Conversions

Conversions Part 2

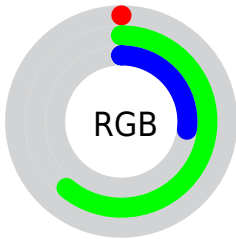
Format	Color
RYB	0, 109, 156
Decimal	40004
CIELab	56.28, -54.40, 36.05
CIELCh	56, 65.257, 146.465
Yxy	24.1943, 0.2776, 0.5194
Android (android.graphics.Color)	4278230084 (0xFF009C44)
YUV	99.3240, -15.4427, -87.1071
Hunter-Lab	49.1877, -39.1493, 23.0318

Details

The Hex color **009C44** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **9C0058**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **58D476**, and **006712** is the 20% darker color. If you saturate the color by 10%, you get **009C44**, and if you desaturate by 10%, it is **109C4D**.

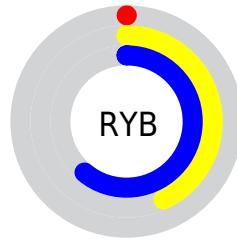
Distribution



Red (0%)

Green (61%)

Blue (27%)



Red (0%)

Yellow (43%)

Blue (61%)

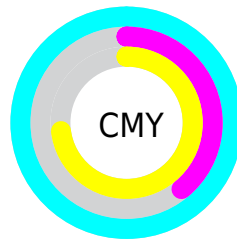


Cyan (100%)

Magenta (0%)

Yellow (56%)

Black (39%)



Cyan (100%)

Magenta (39%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009C44 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 009C44 by changing the saturation by 10% instead.

 009C44

 009C44

FFFFFF

 00812C

 58D476

 006712

 76F191

 004E00

 94FFAC

 003600

 B1FFC7

 001E00

 CFFFE4

 000000

 EDFFFF

 009C44

 109C4D

 1F9C56

 2F9C5E

 3E9C67

 4E9C70

 5E9C79

 6D9C82

 7D9C8A

 8C9C93

Harmonies

Analogous

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



719206



009C44



00A07E

Triad

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



009C44



0090F9



E95358

Complementary

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



009C44



9C0058

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.



E74C90



009C44



777BED

Square

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



009C44



009CE5



C460C7



D16B25

Rectangle

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



009C44



00A1A6



C460C7



EC4D6A

Sweetspot

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



009C44



8FCCA9



589C00



416651



E6E6E6



666666

Same Dimension

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



009C44



00CC59



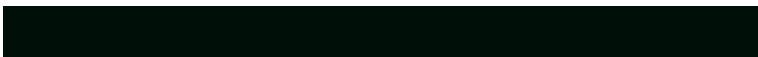
009C92



474F4B



008F3E



000F07

Inverse Universe

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



9C0058



CC0073



9C000A



4F474C



8F0051



0F0009

Previews

White Background



This preview shows how the Hex color 009C44 looks on a white background.

Color Contrast Check

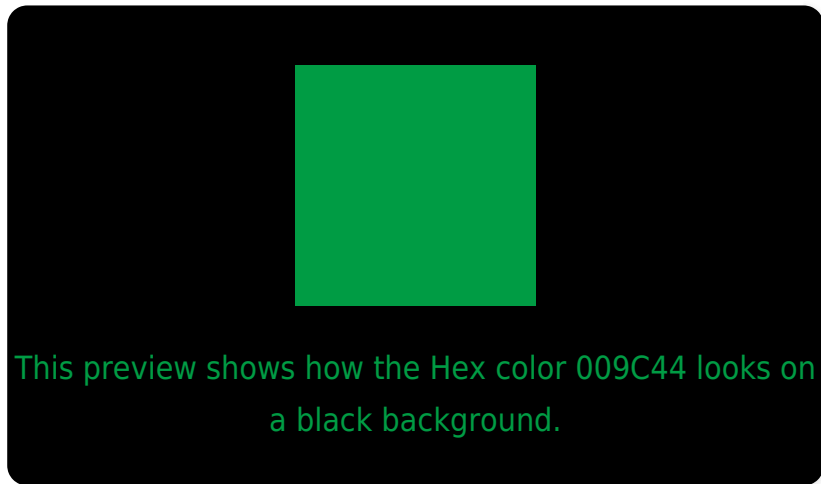
Large Text (above 18pt) WCAG AA ✓ Pass

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 009C44 Background



This preview shows how black text looks on a background with the Hex color 009C44.

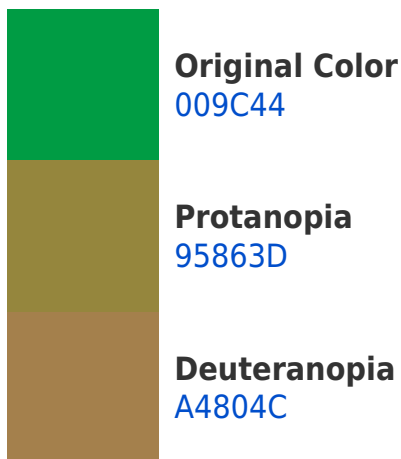


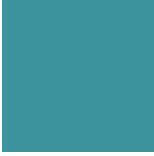
This preview shows how white text looks on a background with the Hex color 009C44.

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





Tritanopia
3D939E

Trichromacy



Original Color
009C44



Protanomaly
5F8E40



Deuteranomaly
688A49



Tritanomaly
27967D

Monochromacy



Original Color
009C44



Achromatopsia
636363



Achromatomaly
3F7858

CSS Examples

Text

The CSS property to change the color of the text to Hex 009C44 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 #009C44 looks like.

```
.text, #text, p{  
    color:#009C44  
}
```

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 #009C44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009C44
}
```

Border

The CSS property to change the border of an element to Hex 009C44 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
#009C44 }
```

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

```
.border{ border-color:#009C44 }
```

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

Here you see how a box with a 4 pixel #009C44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009C44; -webkit-box-shadow:4px 4px  
4px 4px #009C44; box-shadow:4px 4px 4px  
4px #009C44 }
```

Background

The CSS property to change the background color of an element to Hex 009C44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009C44 }
```

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

```
.background{ background-color:#009C44 }
```

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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