

Converting Colors

Hex(009566)

Have a look what the booklet for
Hex(009566) contains.

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Color

Hex(009566)

Conversions

Conversions Part 1

Format	Color
Hex	009566
RGB	0, 149, 102
RGB Percent	0%, 58%, 40%
CMY	1.0000, 0.4157, 0.6000
CMYK	1.00, 0.00, 0.32, 0.42
HSL	161°, 100%, 29%
HSV	161°, 100%, 58%
XYZ	13.1457, 22.4542, 16.2116
YIQ	99.0910, -73.7170, -46.2050

Conversions

Conversions Part 2

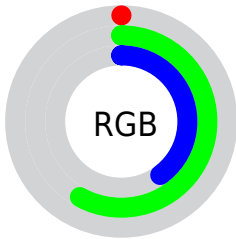
Format	Color
RYB	0, 88, 149
Decimal	38246
CIELab	54.51, -45.33, 15.56
CIELCh	55, 47.925, 161.056
Yxy	22.4542, 0.2537, 0.4334
Android (android.graphics.Color)	4278228326 (0xFF009566)
YUV	99.0910, 1.4341, -86.9028
Hunter-Lab	47.3859, -33.4060, 12.8859

Details

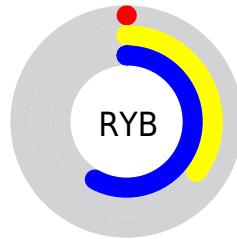
The Hex color **009566** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **95002F**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **55CC99**, and **006137** is the 20% darker color. If you saturate the color by 10%, you get **009566**, and if you desaturate by 10%, it is **0F956B**.

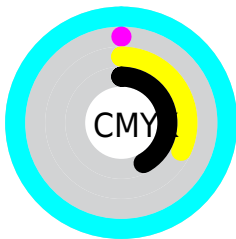
Distribution



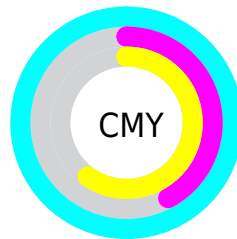
- Red (0%)
- Green (58%)
- Blue (40%)



- Red (0%)
- Yellow (35%)
- Blue (58%)



- Cyan (100%)
- Magenta (0%)
- Yellow (32%)
- Black (42%)




- Cyan (100%)
- Magenta (42%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009566 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 009566 by changing the saturation by 10% instead.


 009566

 009566

FFFFFF

 007B4E

 55CC99

 006137

 73E9B4

 004821

 90FFD0

 00310B

 ADF FEC

 001800

 CBFFFF

 000000

 E9FFFF

 009566

 0F956B

 1E956F

 2D9574

 3C9579

 4B957E

 599582

 689587

 77958C

 869590

Harmonies

Analogous

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



5E8F41



009566



009791

Triad

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



009566



5382D4



C7674E

Complementary

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



009566



95002F

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.



CF5E75



009566



9971C1

Square

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



009566



008ED0



C0629E



AF7732

Rectangle

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



009566



0096AC



C0629E



CC635A

Sweetspot

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



009566



88C2AF



2F9500



3E6156



E0E0E0



616161

Same Dimension

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



009566



00C285



007A95



434A48



008A5E



000A07

Inverse Universe

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



95002F



C2003D



951B00



4A4345



8A002B



0A0003

Previews

White Background



This preview shows how the Hex color 009566 looks on a white background.

Color Contrast Check

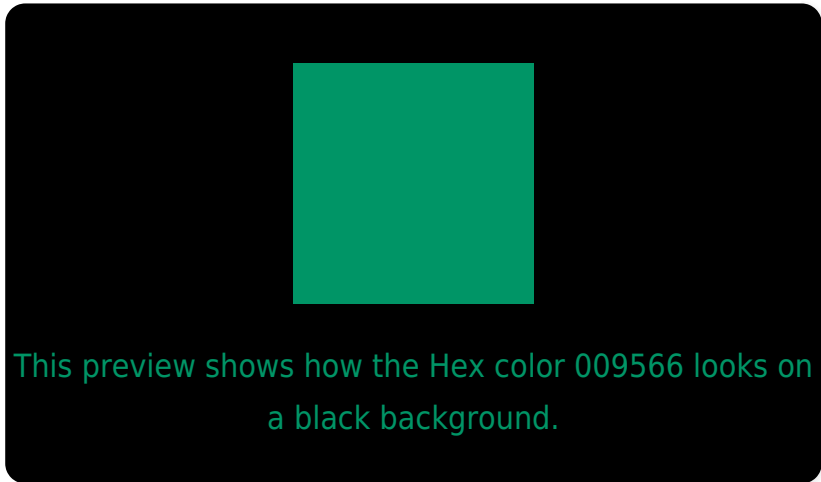
Large Text (above 18pt) WCAG AA ✓ Pass

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 009566 Background



This preview shows how black text looks on a background with the Hex color 009566.



This preview shows how white text looks on a background with the Hex color 009566.

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
338E9A

Trichromacy



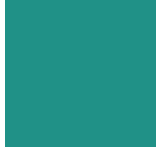
Original Color
009566



Protanomaly
598960



Deuteranomaly
5F8669



Tritanomaly
209187

Monochromacy



Original Color
009566



Achromatopsia
636363



Achromatomaly
3F7564

CSS Examples

Text

The CSS property to change the color of the text to Hex 009566 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 #009566 looks like.

```
.text, #text, p{  
    color:#009566  
}
```

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 #009566 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009566
}
```

Border

The CSS property to change the border of an element to Hex 009566 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
#009566 }
```

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

```
.border{ border-color:#009566 }
```

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

Here you see how a box with a 4 pixel #009566 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009566; -webkit-box-shadow:4px 4px  
4px 4px #009566; box-shadow:4px 4px 4px  
4px #009566 }
```

Background

The CSS property to change the background color of an element to Hex 009566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009566 }
```

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

```
.background{ background-color:#009566 }
```

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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