

Converting Colors

Hex(009F5C)

Have a look what the booklet for
Hex(009F5C) contains.

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Color

Hex(009F5C)

Conversions

Conversions Part 1

Format	Color
Hex	009F5C
RGB	0, 159, 92
RGB Percent	0%, 62%, 36%
CMY	1.0000, 0.3765, 0.6392
CMYK	1.00, 0.00, 0.42, 0.38
HSL	155°, 100%, 31%
HSV	155°, 100%, 62%
XYZ	14.3299, 25.5690, 14.3053
YIQ	103.8210, -73.2570, -54.5450

Conversions

Conversions Part 2

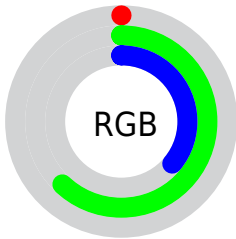
Format	Color
RYB	0, 101, 159
Decimal	40796
CIELab	57.63, -51.24, 25.27
CIElCh	58, 57.127, 153.750
Yxy	25.5690, 0.2644, 0.4717
Android (android.graphics.Color)	4278230876 (0xFF009F5C)
YUV	103.8210, -5.8278, -91.0510
Hunter-Lab	50.5658, -37.9048, 18.6227

Details

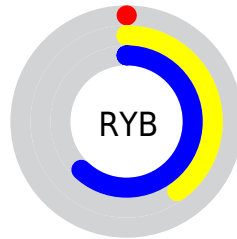
The Hex color **009F5C** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9F0043**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **58D78F**, and **006A2D** is the 20% darker color. If you saturate the color by 10%, you get **009F5C**, and if you desaturate by 10%, it is **109F63**.

Distribution



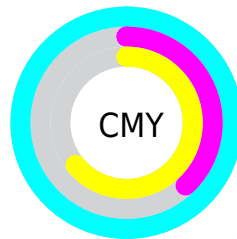
- Red (0%)
- Green (62%)
- Blue (36%)



- Red (0%)
- Yellow (40%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (42%)
- Black (38%)



- Cyan (100%)
- Magenta (38%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009F5C 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 009F5C by changing the saturation by 10% instead.

 009F5C

 009F5C

FFFFFF

 008444

 58D78F

 006A2D

 76F4AA

 005116

 94FFC5

 003800

 B1FFE1

 002200

 CFFFFE

 000000

 EDFFFF

 009F5C

 109F63

 209F69

 309F70

 409F77

 509F7E

 5F9F84

 6F9F8B

 7F9F92

 8F9F98

Harmonies

Analogous

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



6B9730



009F5C



00A28F

Triad

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



009F5C



018EEE



E06456

Complementary

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



009F5C



9F0043

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.



E45B86



009F5C



947ADE

Square

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



009F5C



009BE4



CC65B7



C7772E

Rectangle

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



009F5C



00A2B1



CC65B7



E45F65

Sweetspot

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



009F5C



91CFB4



459F00



436959



E8E8E8



696969

Same Dimension

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



009F5C



00CF78



00949F



474F4C



008F53



000F09

Inverse Universe

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



9F0043



CF0057



9F0B00



4F474A



8F003C



0F0006

Previews

White Background



This preview shows how the Hex color 009F5C looks on a white background.

Color Contrast Check

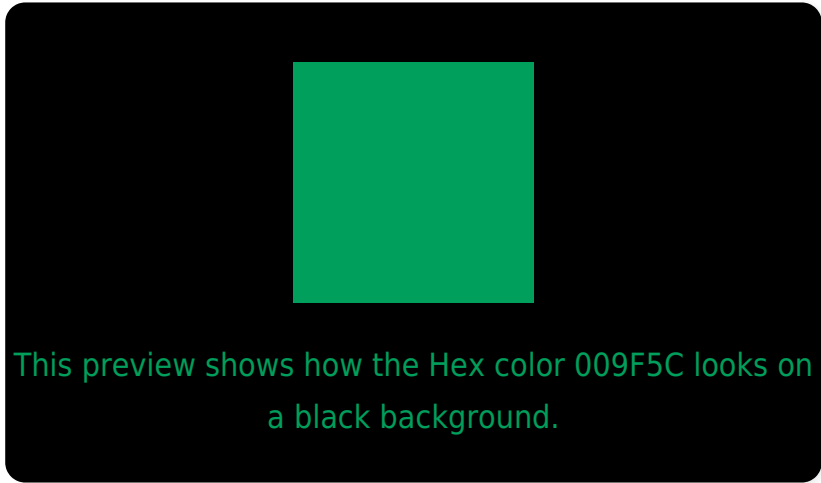
Large Text (above 18pt) WCAG AA ✓ Pass

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 009F5C Background



This preview shows how black text looks on a background with the Hex color 009F5C.



This preview shows how white text looks on a background with the Hex color 009F5C.

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
009F5C

Protanopia
968A54

Deuteranopia
A38462



Tritanopia
3A97A3

Trichromacy



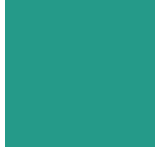
Original Color
009F5C



Protanomaly
5F9257



Deuteranomaly
688E60



Tritanomaly
259A89

Monochromacy



Original Color
009F5C



Achromatopsia
686868



Achromatomaly
427C64

CSS Examples

Text

The CSS property to change the color of the text to Hex 009F5C 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 #009F5C looks like.

```
.text, #text, p{  
    color:#009F5C  
}
```

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 #009F5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009F5C
}
```

Border

The CSS property to change the border of an element to Hex 009F5C 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
#009F5C }
```

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

```
.border{ border-color:#009F5C }
```

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

Here you see how a box with a 4 pixel #009F5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009F5C; -webkit-box-shadow:4px 4px  
4px 4px #009F5C; box-shadow:4px 4px 4px  
4px #009F5C }
```

Background

The CSS property to change the background color of an element to Hex 009F5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009F5C }
```

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

```
.background{ background-color:#009F5C }
```

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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