

Converting Colors

Hex(008A5F)

Have a look what the booklet for
Hex(008A5F) contains.

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Color

Hex(008A5F)

Conversions

Conversions Part 1

Format	Color
Hex	008A5F
RGB	0, 138, 95
RGB Percent	0%, 54%, 37%
CMY	1.0000, 0.4588, 0.6275
CMYK	1.00, 0.00, 0.31, 0.46
HSL	161°, 100%, 27%
HSV	161°, 100%, 54%
XYZ	11.1540, 19.0032, 13.9066
YIQ	91.8360, -68.4450, -42.6290

Conversions

Conversions Part 2

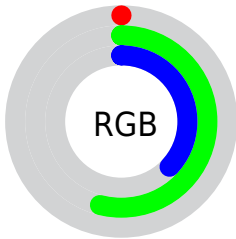
Format	Color
RYB	0, 82, 138
Decimal	35423
CIELab	50.69, -42.67, 14.26
CIELCh	51, 44.988, 161.514
Yxy	19.0032, 0.2531, 0.4313
Android (android.graphics.Color)	4278225503 (0xFF008A5F)
YUV	91.8360, 1.5599, -80.5402
Hunter-Lab	43.5926, -30.6144, 11.6006

Details

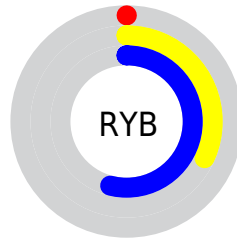
The Hex color **008A5F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8A002B**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **52C092**, and **005731** is the 20% darker color. If you saturate the color by 10%, you get **008A5F**, and if you desaturate by 10%, it is **0E8A63**.

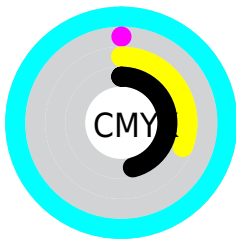
Distribution



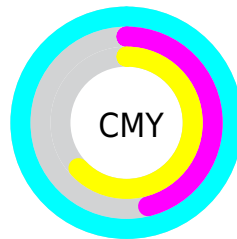
- Red (0%)
- Green (54%)
- Blue (37%)



- Red (0%)
- Yellow (32%)
- Blue (54%)



- Cyan (100%)
- Magenta (0%)
- Yellow (31%)
- Black (46%)




- Cyan (100%)
- Magenta (46%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008A5F 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 008A5F by changing the saturation by 10% instead.

 008A5F

 008A5F

FFFFFF

 007047

 52C092

 005731

 6FDDAC

 003E1B

 8CFAC8

 002902

 A9FFE4

 000500

 C6FFFF

 000000

 E3FFFF

 008A5F

 0E8A63

 1C8A68

 298A6C

 378A70

 458A74

 538A79

 618A7D

 6E8A81

 7C8A86

Harmonies

Analogous

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



56853C



008A5F



008C87

Triad

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



008A5F



4E78C4



B86048

Complementary

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



008A5F



8A002B

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.



C0576B



008A5F



8E68B2

Square

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



008A5F



0083C1



B25B92



A26E2E

Rectangle

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



008A5F



008BA0



B25B92



BD5C53

Sweetspot

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



008A5F



7DB3A2



2C8A00



39594F



D9D9D9



595959

Same Dimension

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



008A5F



00B37B



00718A



3E4543



00855B



000504

Inverse Universe

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



8A002B



B30038



8A1900



453E40



850029



050002

Previews

White Background



This preview shows how the Hex color 008A5F looks on a white background.

Color Contrast Check

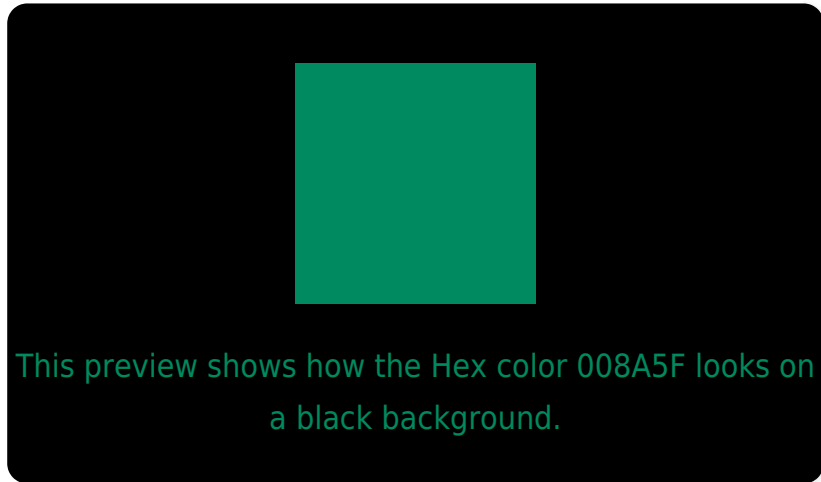
Large Text (above 18pt) WCAG AA ✓ Pass

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

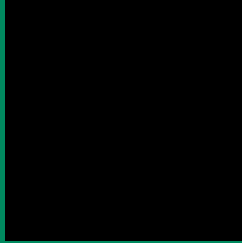
Any Text WCAG AA ✓ Pass

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 008A5F Background



This preview shows how black text looks on a background with the Hex color 008A5F.



This preview shows how white text looks on a background with the Hex color 008A5F.

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
008A5F

Protanopia
817857

Deuteranopia
8B7464



Tritanopia
2F848F

Trichromacy



Original Color
008A5F



Protanomaly
527F5A



Deuteranomaly
587C62



Tritanomaly
1E867E

Monochromacy



Original Color
008A5F



Achromatopsia
5C5C5C



Achromatomaly
3B6D5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 008A5F 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 #008A5F looks like.

```
.text, #text, p{  
    color:#008A5F  
}
```

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 #008A5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008A5F
}
```

Border

The CSS property to change the border of an element to Hex 008A5F 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
#008A5F }
```

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

```
.border{ border-color:#008A5F }
```

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

Here you see how a box with a 4 pixel #008A5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008A5F; -webkit-box-shadow:4px 4px  
4px 4px #008A5F; box-shadow:4px 4px 4px  
4px #008A5F }
```

Background

The CSS property to change the background color of an element to Hex 008A5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008A5F }
```

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

```
.background{ background-color:#008A5F }
```

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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