

Converting Colors

Hex(00A93F)

Have a look what the booklet for
Hex(00A93F) contains.

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Color

Hex(00A93F)

Conversions

Conversions Part 1

Format	Color
Hex	00A93F
RGB	0, 169, 63
RGB Percent	0%, 66%, 25%
CMY	1.0000, 0.3373, 0.7529
CMYK	1.00, 0.00, 0.63, 0.34
HSL	142°, 100%, 33%
HSV	142°, 100%, 66%
XYZ	15.0852, 28.7348, 9.4539
YIQ	106.3850, -66.6980, -68.7940

Conversions

Conversions Part 2

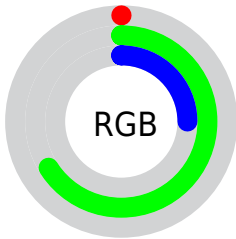
Format	Color
RYB	0, 123, 169
Decimal	43327
CIELab	60.55, -59.23, 43.42
CIElCh	61, 73.439, 143.759
Yxy	28.7348, 0.2832, 0.5394
Android (android.graphics.Color)	4278233407 (0xFF00A93F)
YUV	106.3850, -21.3888, -93.2996
Hunter-Lab	53.6049, -43.5761, 27.0668

Details

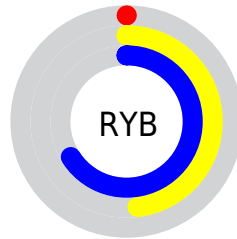
The Hex color **00A93F** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A9006A**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **5CE272**, and **007306** is the 20% darker color. If you saturate the color by 10%, you get **00A93F**, and if you desaturate by 10%, it is **11A94A**.

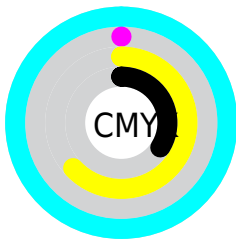
Distribution



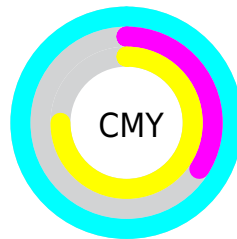
- Red (0%)
- Green (66%)
- Blue (25%)



- Red (0%)
- Yellow (48%)
- Blue (66%)



- Cyan (100%)
- Magenta (0%)
- Yellow (63%)
- Black (34%)



- Cyan (100%)
- Magenta (34%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A93F 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 00A93F by changing the saturation by 10% instead.

 00A93F

 00A93F


FFFFFF

 008E25

 5CE272

 007306

 7BFF8D

 005900

 99FFA8

 004000

 B7FFC4

 002900

 D5FFE0

 000400

 F4FFFD

 000000

 00A93F

 11A94A

 22A954

 33A95F

 44A969

 54A974

 65A97F

 76A989

 87A994

 98A99E

Harmonies

Analogous

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



7E9E00



00A93F



00AE82

Triad

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



00A93F



009EFF



FF5262

Complementary

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



00A93F



A9006A

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.



FD4CA2



00A93F



7287FF

Square

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



00A93F



00ABFA



D267E0



E96F25

Rectangle

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



00A93F



00AFAF



D267E0



FF4C77

Sweetspot

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



00A93F



9ADBB2



6BA900



466E55



EDEDED



6E6E6E

Same Dimension

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



00A93F



00DB52



00A992



4C544F



009437



001408

Inverse Universe

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



A9006A



DB008A



A90017



544C51



94005D



14000D

Previews

White Background



This preview shows how the Hex color 00A93F looks on a white background.

Color Contrast Check

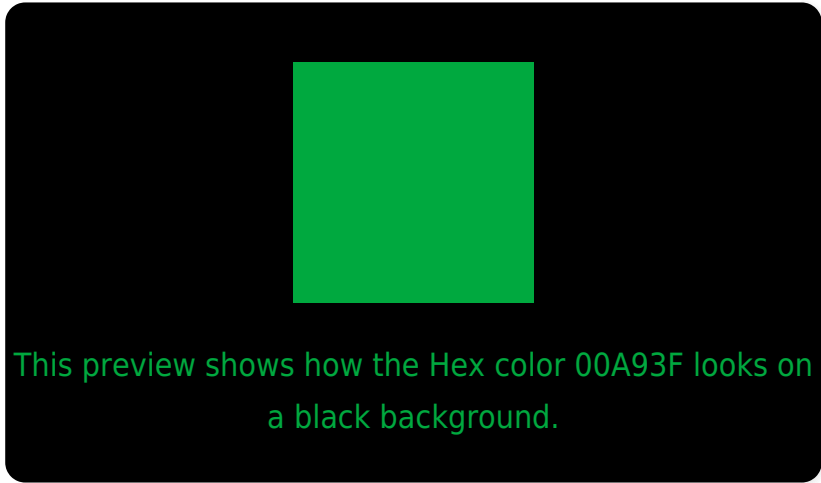
Large Text (above 18pt) WCAG AA ✓ Pass

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 00A93F Background



This preview shows how black text looks on a background with the Hex color 00A93F.



This preview shows how white text looks on a background with the Hex color 00A93F.

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](#).

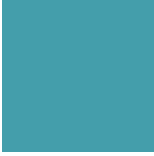
Dichromacy



Original Color
00A93F

Protanopia
A29138

Deuteranopia
B28A48



Tritanopia
449EAB

Trichromacy



Original Color
00A93F



Protanomaly
679A3B



Deuteranomaly
719545



Tritanomaly
2BA284

Monochromacy



Original Color
00A93F



Achromatopsia
6A6A6A



Achromatomaly
43815A

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A93F 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 #00A93F looks like.

```
.text, #text, p{  
    color:#00A93F  
}
```

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 #00A93F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A93F
}
```

Border

The CSS property to change the border of an element to Hex 00A93F 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".

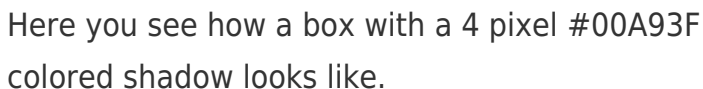
```
.border, #border, table{ border:4px solid
#00A93F }
```

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

```
.border{ border-color:#00A93F }
```

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

Here you see how a box with a 4 pixel #00A93F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A93F; -webkit-box-shadow:4px 4px  
4px 4px #00A93F; box-shadow:4px 4px 4px  
4px #00A93F }
```

Background

The CSS property to change the background color of an element to Hex 00A93F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A93F }
```

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

```
.background{ background-color:#00A93F }
```

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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