

Converting Colors

Hex(009E3A)

Have a look what the booklet for
Hex(009E3A) contains.

Hex(009E3A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(009E3A)

Conversions

Conversions Part 1

Format	Color
Hex	009E3A
RGB	0, 158, 58
RGB Percent	0%, 62%, 23%
CMY	1.0000, 0.3804, 0.7725
CMYK	1.00, 0.00, 0.63, 0.38
HSL	142°, 100%, 31%
HSV	142°, 100%, 62%
XYZ	12.9906, 24.7592, 8.0973
YIQ	99.3580, -62.0680, -64.5960

Conversions

Conversions Part 2

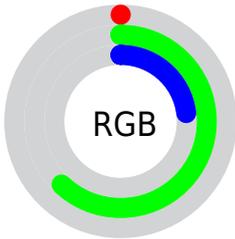
Format	Color
RYB	0, 116, 158
Decimal	40506
CIELab	56.84, -56.41, 41.48
CIELCh	57, 70.022, 143.673
Yxy	24.7592, 0.2833, 0.5400
Android (android.graphics.Color)	4278230586 (0xFF009E3A)
YUV	99.3580, -20.3895, -87.1370
Hunter-Lab	49.7586, -40.4763, 25.1827

Details

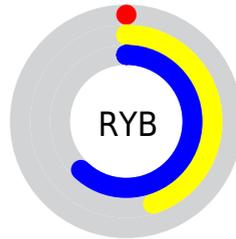
The Hex color **009E3A** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **9E0064**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **59D66D**, and **006901** is the 20% darker color. If you saturate the color by 10%, you get **009E3A**, and if you desaturate by 10%, it is **109E44**.

Distribution



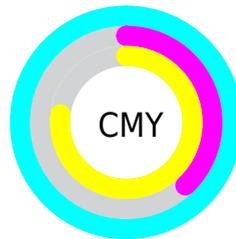
- Red (0%)
- Green (62%)
- Blue (23%)



- Red (0%)
- Yellow (45%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (63%)
- Black (38%)



- Cyan (100%)
- Magenta (38%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009E3A 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 009E3A by changing the saturation by 10% instead.

 009E3A

 009E3A

FFFFFF

 008320

 59D66D

 006901

 77F387

 004F00

 95FFA2

 003700

 B3FFBE

 002000

 D0FFDA

 000000

 EEEFF7

 009E3A

 109E44

 209E4E

 2F9E58

 3F9E62

 4F9E6C

 5F9E76

 6F9E80

 7E9E8A

 8E9E94

Harmonies

Analogous

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



759300



009E3A



00A379

Triad

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



009E3A



0094FF



F24C5B

Complementary

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



009E3A



9E0064

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.



ED4698



009E3A



697EF9

Square

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



009E3A



00A0EA



C460D2



DA6722

Rectangle

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



009E3A



00A4A4



C460D2



F4466F

Sweetspot

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



009E3A



91CFA7



649E00



436951



E8E8E8



696969

Same Dimension

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



009E3A



00CF4C



009E89



474F4A



008F34



000F06

Inverse Universe

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



9E0064



CF0083



9E0015



4F474C



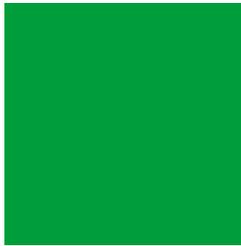
8F005A



0F000A

Previews

White Background



This preview shows how the Hex color 009E3A looks on a white background.

Color Contrast Check

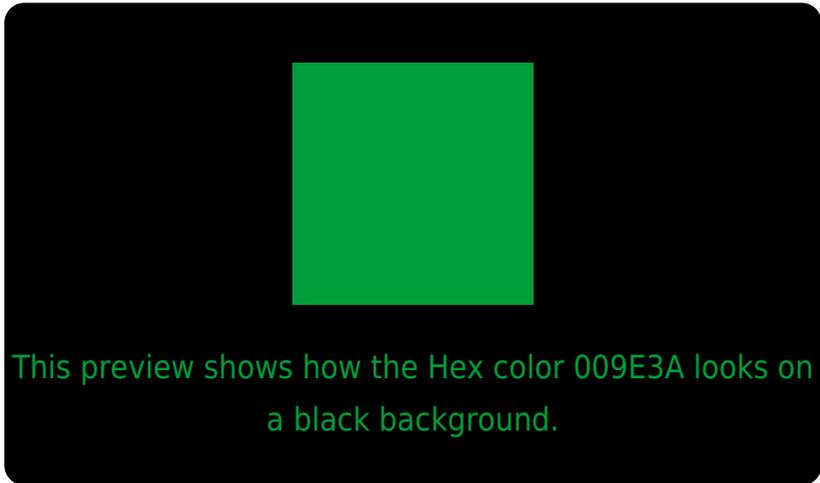
Large Text (above 18pt) WCAG AA ✓ Pass

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 009E3A Background



This preview shows how black text looks on a background with the Hex color 009E3A.



This preview shows how white text looks on a background with the Hex color 009E3A.

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
009E3A

Protanopia
978834

Deuteranopia
A78143



Tritanopia
3F94A0

Trichromacy



Original Color
009E3A



Protanomaly
609036



Deuteranomaly
6A8C40

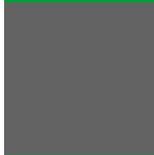


Tritanomaly
28987B

Monochromacy



Original Color
009E3A



Achromatopsia
636363



Achromatomaly
3F7854

CSS Examples

Text

The CSS property to change the color of the text to Hex 009E3A 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 #009E3A looks like.

```
.text, #text, p{  
    color:#009E3A  
}
```

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 #009E3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009E3A
}
```

Border

The CSS property to change the border of an element to Hex 009E3A 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
#009E3A }
```

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

```
.border{ border-color:#009E3A }
```

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

Here you see how a box with a 4 pixel #009E3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009E3A; -webkit-box-shadow:4px 4px  
4px 4px #009E3A; box-shadow:4px 4px 4px  
4px #009E3A }
```

Background

The CSS property to change the background color of an element to Hex 009E3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009E3A }
```

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

```
.background{ background-color:#009E3A }
```

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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