

Converting Colors

Hex(009C40)

Have a look what the booklet for
Hex(009C40) contains.

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Color

Hex(009C40)

Conversions

Conversions Part 1

Format	Color
Hex	009C40
RGB	0, 156, 64
RGB Percent	0%, 61%, 25%
CMY	1.0000, 0.3882, 0.7490
CMYK	1.00, 0.00, 0.59, 0.39
HSL	145°, 100%, 31%
HSV	145°, 100%, 61%
XYZ	12.8139, 24.1471, 8.8360
YIQ	98.8680, -63.4440, -61.6840

Conversions

Conversions Part 2

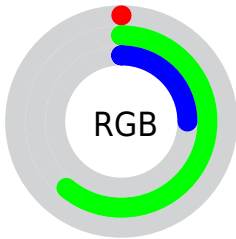
Format	Color
RYB	0, 111, 156
Decimal	40000
CIELab	56.23, -54.98, 37.95
CIELCh	56, 66.805, 145.380
Yxy	24.1471, 0.2798, 0.5273
Android (android.graphics.Color)	4278230080 (0xFF009C40)
YUV	98.8680, -17.1899, -86.7072
Hunter-Lab	49.1397, -39.4480, 23.7366

Details

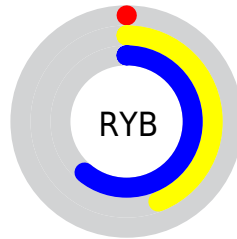
The Hex color **009C40** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **9C005C**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **58D472**, and **00670C** is the 20% darker color. If you saturate the color by 10%, you get **009C40**, and if you desaturate by 10%, it is **109C49**.

Distribution



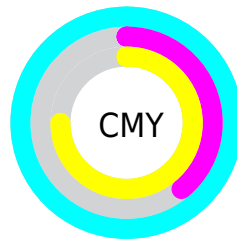
- Red (0%)
- Green (61%)
- Blue (25%)



- Red (0%)
- Yellow (44%)
- Blue (61%)



- Cyan (100%)
- Magenta (0%)
- Yellow (59%)
- Black (39%)



- Cyan (100%)
- Magenta (39%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009C40 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 009C40 by changing the saturation by 10% instead.

 009C40

 009C40

FFFFFF

 008127

 58D472

 00670C

 76F18D

 004E00

 94FFA8

 003600

 B1FFC3

 001E00

 CFFFE0

 000000

 EDFFFD

 009C40

 109C49

 1F9C52

 2F9C5C

 3E9C65

 4E9C6E

 5E9C77

 6D9C80

 7D9C8A

 8C9C93

Harmonies

Analogous

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



729200



009C40



00A17C

Triad

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



009C40



0091FB



EB5059

Complementary

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



009C40



9C005C

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.



E84A92



009C40



727BF1

Square

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



009C40



009DE6



C45FCA



D46924

Rectangle

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



009C40



00A1A4



C45FCA



EE4A6C

Sweetspot

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



009C40



8FCCA8



5E9C00



416650



E6E6E6



666666

Same Dimension

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



009C40



00CC54



009C8C



474F4A



008F3B



000F06

Inverse Universe

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



9C005C



CC0078



9C0010



4F474C



8F0054



0F0009

Previews

White Background



This preview shows how the Hex color 009C40 looks on a white background.

Color Contrast Check

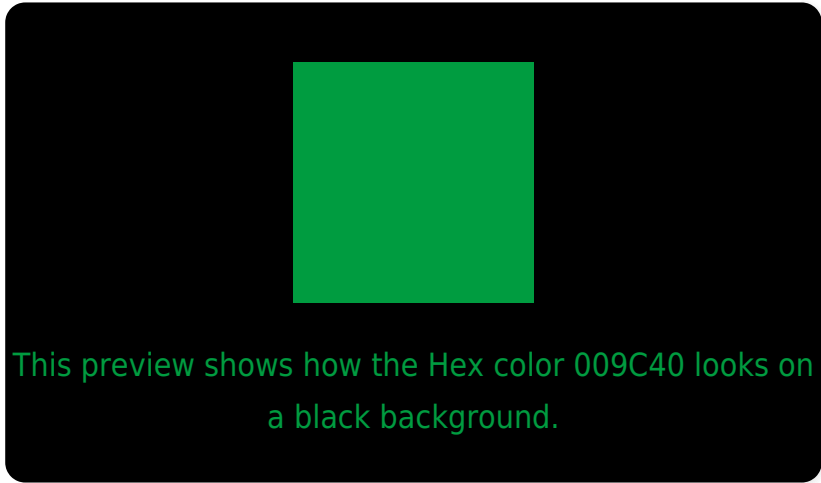
Large Text (above 18pt) WCAG AA ✓ Pass

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 009C40 Background



This preview shows how black text looks on a background with the Hex color 009C40.



This preview shows how white text looks on a background with the Hex color 009C40.

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
009C40

Protanopia
958639

Deuteranopia
A48048



Tritanopia
3E929E

Trichromacy



Original Color
009C40



Protanomaly
5F8E3C



Deuteranomaly
688A45



Tritanomaly
27967C

Monochromacy



Original Color
009C40



Achromatopsia
636363



Achromatomaly
3F7856

CSS Examples

Text

The CSS property to change the color of the text to Hex 009C40 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 #009C40 looks like.

```
.text, #text, p{  
    color:#009C40  
}
```

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 #009C40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009C40
}
```

Border

The CSS property to change the border of an element to Hex 009C40 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
#009C40 }
```

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

```
.border{ border-color:#009C40 }
```

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

Here you see how a box with a 4 pixel #009C40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009C40; -webkit-box-shadow:4px 4px  
4px 4px #009C40; box-shadow:4px 4px 4px  
4px #009C40 }
```

Background

The CSS property to change the background color of an element to Hex 009C40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009C40 }
```

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

```
.background{ background-color:#009C40 }
```

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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