

Converting Colors

Hex(009C24)

Have a look what the booklet for
Hex(009C24) contains.

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Color

Hex(009C24)

Conversions

Conversions Part 1

Format	Color
Hex	009C24
RGB	0, 156, 36
RGB Percent	0%, 61%, 14%
CMY	1.0000, 0.3882, 0.8588
CMYK	1.00, 0.00, 0.77, 0.39
HSL	134°, 100%, 31%
HSV	134°, 100%, 61%
XYZ	12.2069, 23.9043, 5.6397
YIQ	95.6760, -54.4560, -70.3920

Conversions

Conversions Part 2

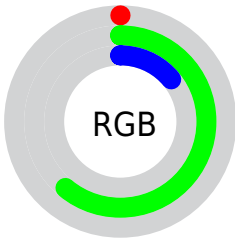
Format	Color
RYB	0, 127, 156
Decimal	39972
CIELab	55.99, -58.04, 49.57
CIELCh	56, 76.331, 139.501
Yxy	23.9043, 0.2924, 0.5725
Android (android.graphics.Color)	4278230052 (0xFF009C24)
YUV	95.6760, -29.4203, -83.9079
Hunter-Lab	48.8920, -40.9949, 27.3853

Details

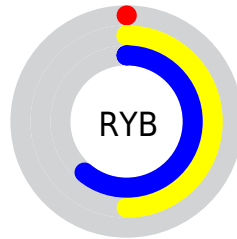
The Hex color **009C24** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **9C0078**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **59D45A**, and **006700** is the 20% darker color. If you saturate the color by 10%, you get **009C24**, and if you desaturate by 10%, it is **109C30**.

Distribution



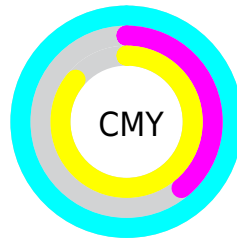
- Red (0%)
- Green (61%)
- Blue (14%)



- Red (0%)
- Yellow (50%)
- Blue (61%)



- Cyan (100%)
- Magenta (0%)
- Yellow (77%)
- Black (39%)




- Cyan (100%)
- Magenta (39%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009C24 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 009C24 by changing the saturation by 10% instead.

 009C24

 009C24

FFFFFF

 008100

 59D45A

 006700

 78F174

 004E00

 96FF8F

 003600

 B3FFAA

 001D00

 D1FFC6

 000000

 EFFF E3

 009C24

 109C30

 1F9C3C

 2F9C48

 3E9C54

 4E9C60

 5E9C6C

 6D9C78

 7D9C84

 8C9C90

Harmonies

Analogous

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



799000



009C24



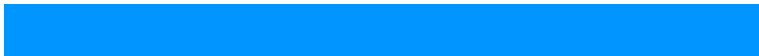
00A26C

Triad

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



009C24



0095FF



F93A5E

Complementary

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



009C24



9C0078

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.



EF3AA0



009C24



427FFF

Square

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



009C24



00A0EB



BD5DDD



E25C1D

Rectangle

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



009C24



00A39A



BD5DDD



F93474

Sweetspot

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



009C24



8FCC9D



7A9C00



41664A



E6E6E6



666666

Same Dimension

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



009C24



00CC2F



009C70



474F49



008F21



000F04

Inverse Universe

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



9C0078



CC009D



9C002C



4F474D



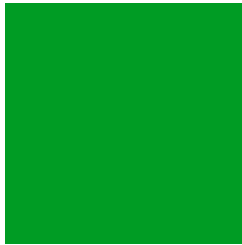
8F006E



0F000C

Previews

White Background



This preview shows how the Hex color 009C24 looks on a white background.

Color Contrast Check

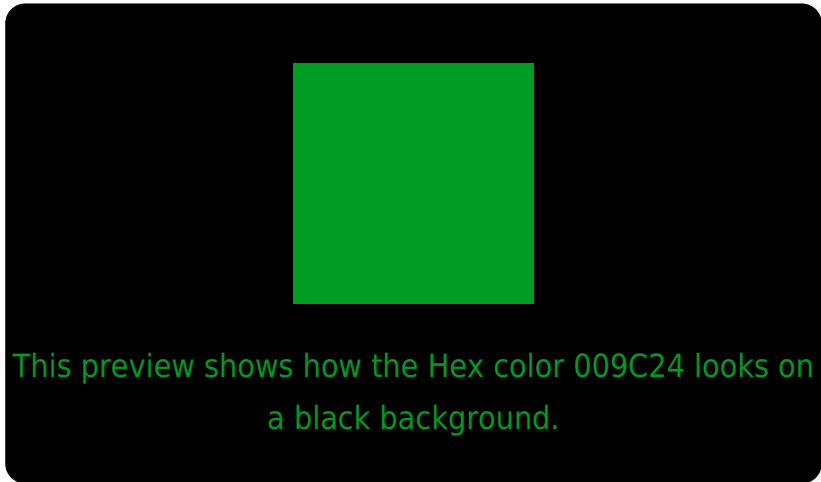
Large Text (above 18pt) WCAG AA ✓ Pass

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

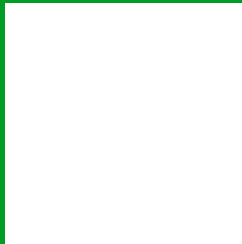
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 009C24 Background



This preview shows how black text looks on a background with the Hex color 009C24.




This preview shows how white text looks on a background with the Hex color 009C24.

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





Tritanopia
40919D

Trichromacy



Original Color

009C24



Protanomaly

5F8E20



Deuteranomaly

6A8A2C



Tritanomaly

299571

Monochromacy



Original Color

009C24



Achromatopsia

606060



Achromatomaly

3D764A

CSS Examples

Text

The CSS property to change the color of the text to Hex 009C24 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 #009C24 looks like.

```
.text, #text, p{  
    color:#009C24  
}
```

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 #009C24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009C24
}
```

Border

The CSS property to change the border of an element to Hex 009C24 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
#009C24 }
```

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

```
.border{ border-color:#009C24 }
```

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

Here you see how a box with a 4 pixel #009C24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009C24; -webkit-box-shadow:4px 4px  
4px 4px #009C24; box-shadow:4px 4px 4px  
4px #009C24 }
```

Background

The CSS property to change the background color of an element to Hex 009C24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009C24 }
```

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

```
.background{ background-color:#009C24 }
```

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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