

# Converting Colors

Hex(009A28)

Have a look what the booklet for  
Hex(009A28) contains.

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**Color**

**Hex(009A28)**

# Conversions

## Conversions Part 1

Format	Color
Hex	009A28
RGB	0, 154, 40
RGB Percent	0%, 60%, 16%
CMY	1.0000, 0.3961, 0.8431
CMYK	1.00, 0.00, 0.74, 0.40
HSL	136°, 100%, 30%
HSV	136°, 100%, 60%
XYZ	11.9386, 23.2644, 5.8687
YIQ	94.9580, -55.1900, -68.1020

# Conversions

## Conversions Part 2

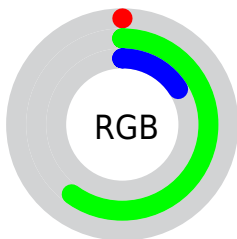
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 122, 154
Decimal	39464
CIELab	55.34, -57.11, 47.46
CIELCh	55, 74.256, 140.274
Yxy	23.2644, 0.2907, 0.5664
Android (android.graphics.Color)	4278229544 (0xFF009A28)
YUV	94.9580, -27.0943, -83.2782
Hunter-Lab	48.2332, -40.2260, 26.5492

# Details

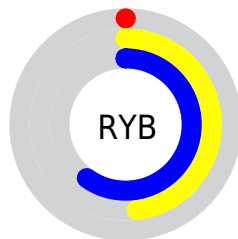
The Hex color **009A28** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **9A0072**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **59D25C**, and **006500** is the 20% darker color. If you saturate the color by 10%, you get **009A28**, and if you desaturate by 10%, it is **0F9A33**.

# Distribution



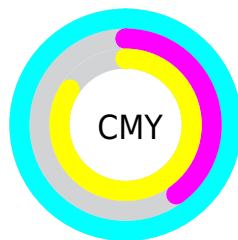
- Red (0%)
- Green (60%)
- Blue (16%)



- Red (0%)
- Yellow (48%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (74%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (84%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 009A28 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 009A28 by changing the saturation by 10% instead.



 009A28

 009A28

FFFFFF

 007F07

 59D25C

 006500

 77EF77

 004C00

 95FF92

 003400

 B2FFAD

 001B00

 D0FFC9

 000000

 EEFFE6

 009A28

 0F9A33

 1F9A3F

 2E9A4A

 3E9A56

 4D9A61

 5C9A6C

 6C9A78

 7B9A83

 8B9A8F

# Harmonies

## Analogous

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



778E00



009A28



00A06D

# Triad

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



009A28



0093FF



F43D5C

# Complementary

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



009A28



9A0072

# 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.



EB3B9C



009A28



4A7DFF

# Square

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



009A28



009EE7



BC5CD8



DD5D1E

# Rectangle

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



009A28



00A19A



BC5CD8



F53771



# Sweetspot

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



009A28



8DC99D



739A00



41664B



E6E6E6



666666



# Same Dimension

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



009A28



00C934



009A73



454D47



008C24



000D03



# Inverse Universe

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



9A0072



C90095



9A0027



4D454B



8C0068

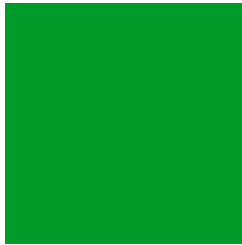


0D0009



# Previews

## White Background



This preview shows how the Hex color 009A28 looks on a white background.

## Color Contrast Check

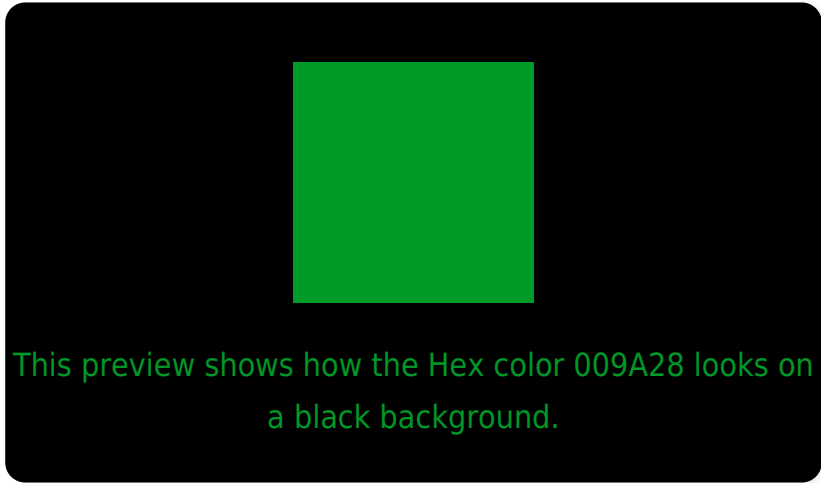
Large Text (above 18pt) WCAG AA ✓ Pass

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 009A28 Background



This preview shows how black text looks on a background with the Hex color 009A28.



This preview shows how white text looks on a background with the Hex color 009A28.

# 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**  
009A28

**Protanopia**  
948422

**Deuteranopia**  
A47D33



**Tritanopia**  
3F909B

# Trichromacy



**Original Color**  
009A28



**Protanomaly**  
5E8C24



**Deuteranomaly**  
68882F



**Tritanomaly**  
289471

# Monochromacy



**Original Color**  
009A28



**Achromatopsia**  
5F5F5F



**Achromatomaly**  
3C744B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 009A28 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 #009A28 looks like.

```
.text, #text, p{  
    color:#009A28  
}
```

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 #009A28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009A28
}
```

## Border

The CSS property to change the border of an element to Hex 009A28 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
#009A28 }
```

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

```
.border{ border-color:#009A28 }
```

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

Here you see how a box with a 4 pixel #009A28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009A28; -webkit-box-shadow:4px 4px  
4px 4px #009A28; box-shadow:4px 4px 4px  
4px #009A28 }
```

# Background

The CSS property to change the background color of an element to Hex 009A28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009A28 }
```

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

```
.background{ background-color:#009A28 }
```

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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