

# Converting Colors

Hex(029400)

Have a look what the booklet for  
Hex(029400) contains.

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**Color**

**Hex(029400)**

# Conversions

## Conversions Part 1

Format	Color
Hex	029400
RGB	2, 148, 0
RGB Percent	1%, 58%, 0%
CMY	0.9922, 0.4196, 1.0000
CMYK	0.99, 0.00, 1.00, 0.42
HSL	119°, 100%, 29%
HSV	119°, 100%, 58%
XYZ	10.6149, 21.1927, 3.5311
YIQ	87.4740, -39.5080, -76.9800

# Conversions

## Conversions Part 2

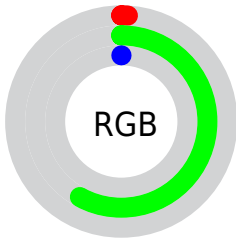
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 148, 146
Decimal	168960
CIELab	53.16, -57.32, 55.46
CIELCh	53, 79.757, 135.943
Yxy	21.1927, 0.3004, 0.5997
Android (android.graphics.Color)	4278359040 (0xFF029400)
YUV	87.4740, -43.1247, -74.9607
Hunter-Lab	46.0355, -39.4034, 27.6771

# Details

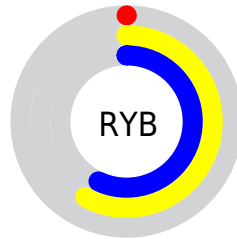
The Hex color **029400** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **920094**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **59CB45**, and **005F00** is the 20% darker color. If you saturate the color by 10%, you get **029400**, and if you desaturate by 10%, it is **11940F**.

# Distribution



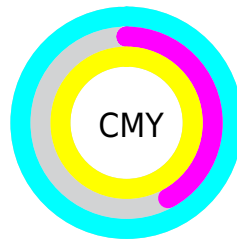
- Red (1%)
- Green (58%)
- Blue (0%)



- Red (0%)
- Yellow (58%)
- Blue (57%)



- Cyan (99%)
- Magenta (0%)
- Yellow (100%)
- Black (42%)



- Cyan (99%)
- Magenta (42%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 029400 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 029400 by changing the saturation by 10% instead.



 029400

 029400

FFFFFF

 007900

 59CB45

 005F00

 77E860

 004600

 95FF7B

 003000

 B2FF96

 001300


 D0FFB2

 000000

 EEFFCE

 FFFFEB

 029400

 11940F

 1F941E

 2E942C

 3C943B

 4B944A

 5A9459

 689468

 779476

 859485

# Harmonies

## Analogous

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



788700



029400



009A5B

# Triad

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



029400



0090FF



F5215E

# Complementary

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



029400



920094

# 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.



E729A2



029400



007BFF

# Square

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



029400



009AE1



AD58E0



E04D19

# Rectangle

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



029400



009C8B



AD58E0



F41874



# Sweetspot

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



029400



87BF86



949200



3E613E



E0E0E0



616161



# Same Dimension

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



029400



03BF00



009448



434A43



028A00



000A00



# Inverse Universe

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



920094



BD00BF



94004C



4A434A



88008A

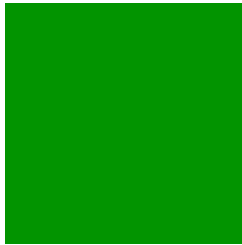


0A000A



# Previews

## White Background



This preview shows how the Hex color 029400 looks on a white background.

## Color Contrast Check

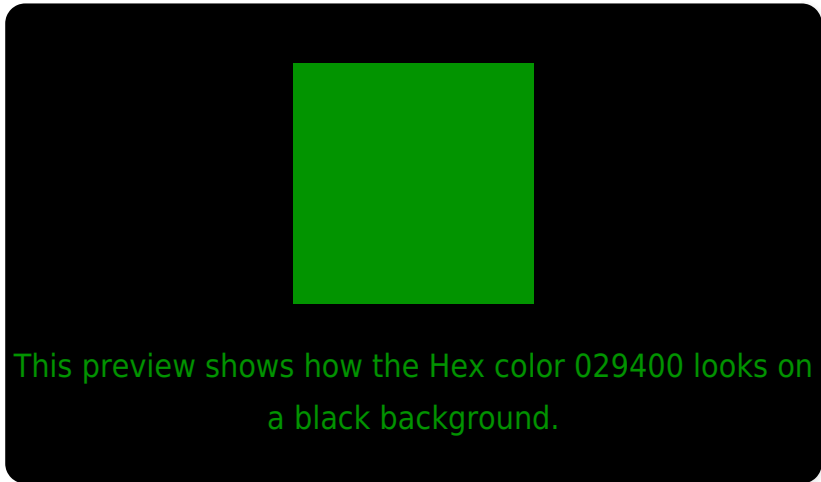
Large Text (above 18pt) WCAG AA ✓ Pass

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 029400 Background



This preview shows how black text looks on a background with the Hex color 029400.



This preview shows how white text looks on a background with the Hex color 029400.

# 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**  
029400

**Protanopia**  
8F7F00

**Deuteranopia**  
9F7820



**Tritanopia**  
3E8A95

# Trichromacy



**Original Color**  
029400



**Protanomaly**  
5C8700

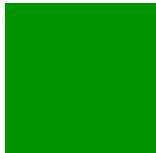


**Deuteranomaly**  
668214



**Tritanomaly**  
288E5F

# Monochromacy



**Original Color**  
029400



**Achromatopsia**  
575757



**Achromatomaly**  
386D37

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 029400 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 #029400 looks like.

```
.text, #text, p{  
    color:#029400  
}
```

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 #029400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #029400
}
```

## Border

The CSS property to change the border of an element to Hex 029400 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
#029400 }
```

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

```
.border{ border-color:#029400 }
```

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

Here you see how a box with a 4 pixel #029400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #029400; -webkit-box-shadow:4px 4px  
4px 4px #029400; box-shadow:4px 4px 4px  
4px #029400 }
```

# Background

The CSS property to change the background color of an element to Hex 029400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#029400 }
```

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

```
.background{ background-color:#029400 }
```

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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