

# Converting Colors

Hex(029F4F)

Have a look what the booklet for  
Hex(029F4F) contains.

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# Color

Hex(029F4F)

# Conversions

## Conversions Part 1

Format	Color
Hex	029F4F
RGB	2, 159, 79
RGB Percent	1%, 62%, 31%
CMY	0.9922, 0.3765, 0.6902
CMYK	0.99, 0.00, 0.50, 0.38
HSL	149°, 98%, 32%
HSV	149°, 99%, 62%
XYZ	13.8345, 25.3737, 11.5656
YIQ	102.9370, -67.8920, -58.1640

# Conversions

## Conversions Part 2

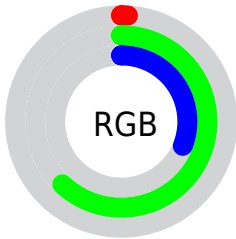
<b>Format</b>	<b>Color</b>
<b>RYB</b>	2, 107, 159
Decimal	171855
CIELab	57.44, -53.53, 31.90
CIELCh	57, 62.312, 149.208
Yxy	25.3737, 0.2725, 0.4997
Android (android.graphics.Color)	4278361935 (0xFF029F4F)
YUV	102.9370, -11.8009, -88.5217
Hunter-Lab	50.3723, -39.1276, 21.6475

# Details

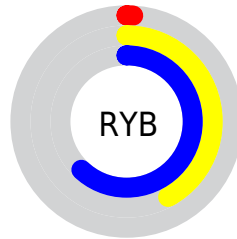
The Hex color **029F4F** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **9F0252**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **59D782**, and **006A1F** is the 20% darker color. If you saturate the color by 10%, you get **009F4E**, and if you desaturate by 10%, it is **129F57**.

# Distribution



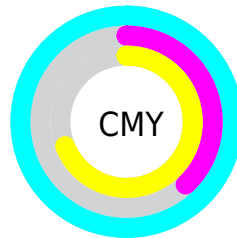
- Red (1%)
- Green (62%)
- Blue (31%)



- Red (1%)
- Yellow (42%)
- Blue (62%)



- Cyan (99%)
- Magenta (0%)
- Yellow (50%)
- Black (38%)



- Cyan (99%)
- Magenta (38%)
- Yellow (69%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 029F4F 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 029F4F by changing the saturation by 10% instead.



 029F4F

 029F4F

FFFFFF

 008437

 59D782

 006A1F

 77F49C

 005106

 95FFB7

 003800

 B2FFD3

 002100

 D0FFF0

 000000

 EEEFFF

 029F4F

 029F4F

 009F4E

 129F57

 229F5F


 329F67

 429F6F

 529F78

 619F80

 719F88

 819F90

 919F98

# Harmonies

## Analogous

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



70961D



029F4F



00A387

# Triad

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



029F4F



0091F7



E85B58

# Complementary

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



029F4F



9F0252

# 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.



E8538E



029F4F



867CEA

# Square

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



029F4F



009DE7



CA63C3



CF7129

# Rectangle

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



029F4F



00A3AC



CA63C3



EB5669



# Sweetspot

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



029F4F



91CFAF



539F02



436955



E8E8E8



696969



# Same Dimension

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



029F4F



00CF65



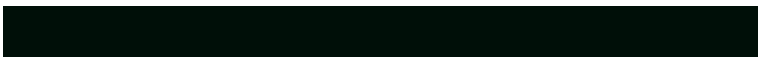
029F9C



474F4B



008F46



000F08



# Inverse Universe

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



9F0252



CF0069



9F0205



4F474B



8F0049



0F0008



# Previews

## White Background



This preview shows how the Hex color 029F4F looks on a white background.

## Color Contrast Check

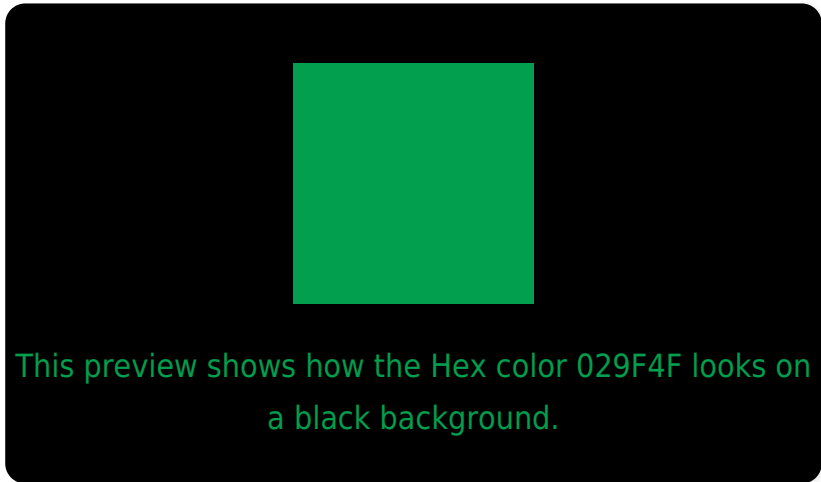
Large Text (above 18pt) WCAG AA ✓ Pass

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 029F4F Background



This preview shows how black text looks on a background with the Hex color 029F4F.



This preview shows how white text looks on a background with the Hex color 029F4F.

# 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**  
029F4F

**Protanopia**  
978947

**Deuteranopia**  
A58356



**Tritanopia**  
3D96A2

# Trichromacy



**Original Color**  
029F4F



**Protanomaly**  
61914A



**Deuteranomaly**  
6A8D53



**Tritanomaly**  
289984

# Monochromacy



**Original Color**  
029F4F



**Achromatopsia**  
676767



**Achromatomaly**  
427B5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 029F4F 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 #029F4F looks like.

```
.text, #text, p{  
    color:#029F4F  
}
```

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 #029F4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #029F4F
}
```

## Border

The CSS property to change the border of an element to Hex 029F4F 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
#029F4F }
```

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

```
.border{ border-color:#029F4F }
```

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

Here you see how a box with a 4 pixel #029F4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #029F4F; -webkit-box-shadow:4px 4px  
4px 4px #029F4F; box-shadow:4px 4px 4px  
4px #029F4F }
```

# Background

The CSS property to change the background color of an element to Hex 029F4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#029F4F }
```

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

```
.background{ background-color:#029F4F }
```

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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