

# Converting Colors

Hex(029A2F)

Have a look what the booklet for  
Hex(029A2F) contains.

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**Color**

**Hex(029A2F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	029A2F
RGB	2, 154, 47
RGB Percent	1%, 60%, 18%
CMY	0.9922, 0.3961, 0.8157
CMYK	0.99, 0.00, 0.69, 0.40
HSL	138°, 97%, 31%
HSV	138°, 99%, 60%
XYZ	12.0937, 23.3293, 6.5549
YIQ	96.3540, -56.2450, -65.5010

# Conversions

## Conversions Part 2

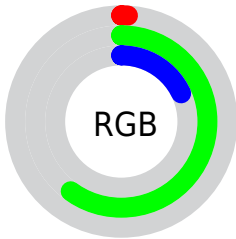
<b>Format</b>	<b>Color</b>
<b>RYB</b>	2, 119, 154
Decimal	170543
CIELab	55.41, -56.32, 44.74
CIELCh	55, 71.923, 141.538
Yxy	23.3293, 0.2881, 0.5558
Android (android.graphics.Color)	4278360623 (0xFF029A2F)
YUV	96.3540, -24.3315, -82.7485
Hunter-Lab	48.3005, -39.8320, 25.7640

# Details

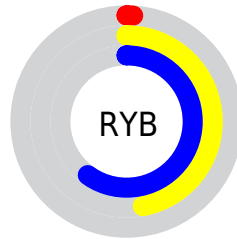
The Hex color **029A2F** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **9A026D**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **59D262**, and **006500** is the 20% darker color. If you saturate the color by 10%, you get **009A2E**, and if you desaturate by 10%, it is **119A3A**.

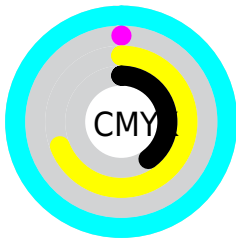
# Distribution



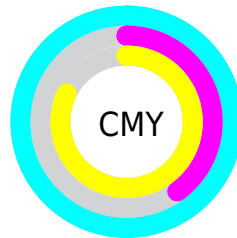
- Red (1%)
- Green (60%)
- Blue (18%)



- Red (1%)
- Yellow (47%)
- Blue (60%)



- Cyan (99%)
- Magenta (0%)
- Yellow (69%)
- Black (40%)



- Cyan (99%)
- Magenta (40%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 029A2F 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 029A2F by changing the saturation by 10% instead.





029A2F



029A2F

FFFFFF



007F13



59D262



006500



77EE7D



004C00



94FF98



003400



B2FFB3



001B00



D0FFCF



000000



EEFFEC



029A2F



029A2F



009A2E



119A3A

 219A45

 309A50

 409A5A

 4F9A65

 5E9A70

 6E9A7B

 7D9A86

 8D9A91

# Harmonies

## Analogous

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



758F00



029A2F



009F70

# Triad

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



029A2F



0092FF



F1425B

# Complementary

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



029A2F



9A026D

# 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.



EA3F99



029A2F



577CFA

# Square

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



029A2F



009DE6



BD5DD3



DA601F

# Rectangle

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



029A2F



00A09C



BD5DD3



F23D6F



# Sweetspot

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



029A2F



8DC99F



6F9A02



41664C



E6E6E6



666666



# Same Dimension

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



029A2F



00C93C



029A79



454D47



008C2A



000D04



# Inverse Universe

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



9A026D



C9008E



9A0223



4D454A



8C0063

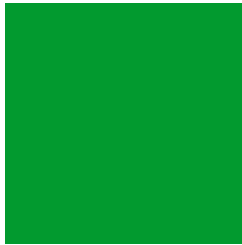


0D0009



# Previews

## White Background



This preview shows how the Hex color 029A2F looks on a white background.

## Color Contrast Check

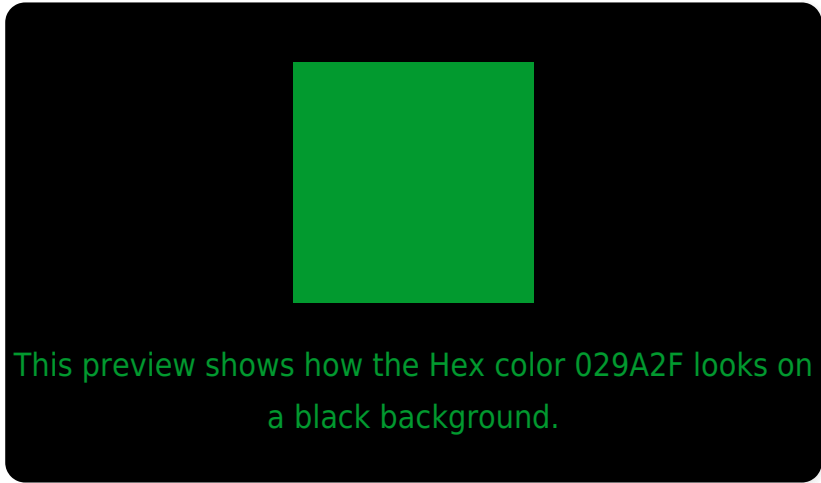
Large Text (above 18pt) WCAG AA ✓ Pass

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 029A2F Background



This preview shows how black text looks on a background with the Hex color 029A2F.



This preview shows how white text looks on a background with the Hex color 029A2F.

# 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**  
029A2F

**Protanopia**  
948429

**Deuteranopia**  
A47D39



**Tritanopia**  
3F909C

# Trichromacy



**Original Color**

029A2F



**Protanomaly**

5F8C2B



**Deuteranomaly**

698835



**Tritanomaly**

299474

# Monochromacy



**Original Color**

029A2F



**Achromatopsia**

606060



**Achromatomaly**

3E754E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 029A2F 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 #029A2F looks like.

```
.text, #text, p{  
    color:#029A2F  
}
```

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 #029A2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #029A2F
}
```

## Border

The CSS property to change the border of an element to Hex 029A2F 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
#029A2F }
```

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

```
.border{ border-color:#029A2F }
```

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

Here you see how a box with a 4 pixel #029A2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #029A2F; -webkit-box-shadow:4px 4px  
4px 4px #029A2F; box-shadow:4px 4px 4px  
4px #029A2F }
```

# Background

The CSS property to change the background color of an element to Hex 029A2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#029A2F }
```

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

```
.background{ background-color:#029A2F }
```

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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