

Converting Colors

Hex(029239)

Have a look what the booklet for
Hex(029239) contains.

Hex(029239)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(029239)

Conversions

Conversions Part 1

Format	Color
Hex	029239
RGB	2, 146, 57
RGB Percent	1%, 57%, 22%
CMY	0.9922, 0.4275, 0.7765
CMYK	0.99, 0.00, 0.61, 0.43
HSL	143°, 97%, 29%
HSV	143°, 99%, 57%
XYZ	11.0424, 20.8661, 7.3165
YIQ	92.7980, -57.2550, -58.2070

Conversions

Conversions Part 2

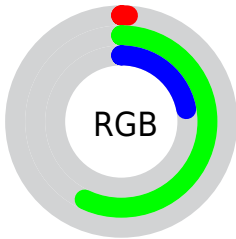
Format	Color
R_{YB}	2, 106, 146
Decimal	168505
CIE _{Lab}	52.80, -52.59, 37.32
CIE _{LCh}	53, 64.482, 144.641
Y _{xy}	20.8661, 0.2815, 0.5320
Android (android.graphics.Color)	4278358585 (0xFF029239)
YUV	92.7980, -17.6484, -79.6298
Hunter-Lab	45.6794, -36.7888, 22.4791

Details

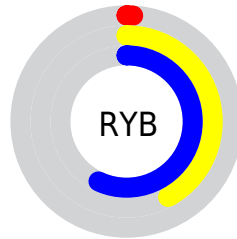
The Hex color **029239** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **92025B**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **56C96B**, and **005E04** is the 20% darker color. If you saturate the color by 10%, you get **009238**, and if you desaturate by 10%, it is **119242**.

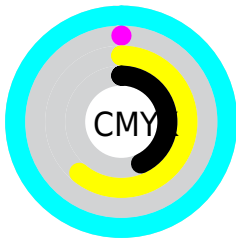
Distribution



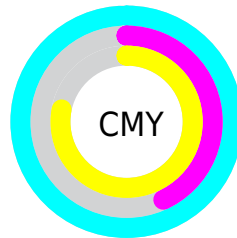
- Red (1%)
- Green (57%)
- Blue (22%)



- Red (1%)
- Yellow (42%)
- Blue (57%)



- Cyan (99%)
- Magenta (0%)
- Yellow (61%)
- Black (43%)




- Cyan (99%)
- Magenta (43%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 029239 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 029239 by changing the saturation by 10% instead.

 029239

 029239

FFFFFF

 007720

 56C96B

 005E04

 73E685

 004500

 90FFA0

 002F00

 ADFFBB

 001100

 CBFFD7


 000000

 E9FFF4

 029239

 029239

 009238

 119242

 1F924B

 2E9254

 3C925D

 4B9266

 5A926F

 689278

 779281

 85928A

Harmonies

Analogous

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



6B8800



029239



009672

Triad

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



029239



0088ED



DE4853

Complementary

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



029239



92025B

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.



DB438A



029239



6774E4

Square

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



029239



0093D8



B759BF



C86120

Rectangle

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



029239



009798



B759BF



E04365

Sweetspot

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



029239



84BD9A



5D9202



3C5E49



DEDEDE



5E5E5E

Same Dimension

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



029239



00BD48



02927F



434A45



008A35



000A04

Inverse Universe

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



92025B



BD0075



920215



4A4347



8A0055



0A0006

Previews

White Background



This preview shows how the Hex color 029239 looks on a white background.

Color Contrast Check

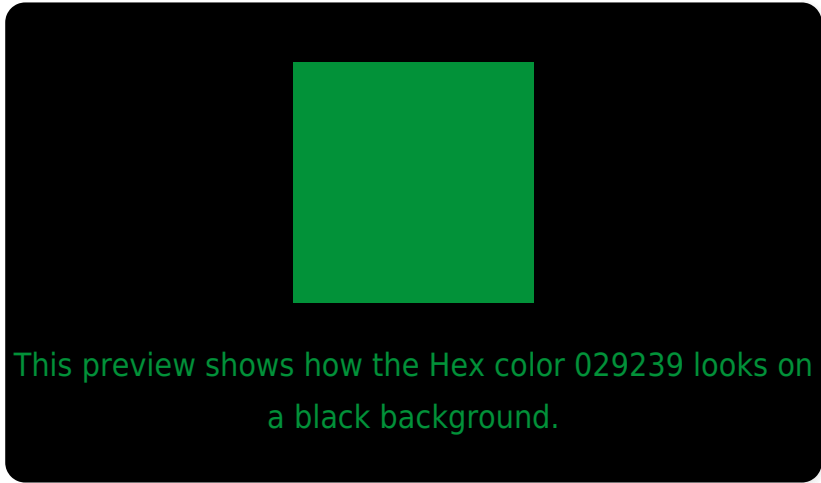
Large Text (above 18pt) WCAG AA ✓ Pass

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

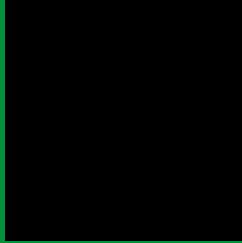
Any Text WCAG AA ✓ Pass

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 029239 Background



This preview shows how black text looks on a background with the Hex color 029239.



This preview shows how white text looks on a background with the Hex color 029239.

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
029239

Protanopia
8C7E33

Deuteranopia
9A7741



Tritanopia
3A8994

Trichromacy



Original Color
029239



Protanomaly
5A8535



Deuteranomaly
63813E



Tritanomaly
268C73

Monochromacy



Original Color
029239



Achromatopsia
5D5D5D



Achromatomaly
3C7050

CSS Examples

Text

The CSS property to change the color of the text to Hex 029239 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 #029239 looks like.

```
.text, #text, p{  
    color:#029239  
}
```

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 #029239 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #029239
}
```

Border

The CSS property to change the border of an element to Hex 029239 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
#029239 }
```

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

```
.border{ border-color:#029239 }
```

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

Here you see how a box with a 4 pixel #029239 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #029239; -webkit-box-shadow:4px 4px  
4px 4px #029239; box-shadow:4px 4px 4px  
4px #029239 }
```

Background

The CSS property to change the background color of an element to Hex 029239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#029239 }
```

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

```
.background{ background-color:#029239 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor