

Converting Colors

Hex(008029)

Have a look what the booklet for
Hex(008029) contains.

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Color

Hex(008029)

Conversions

Conversions Part 1

Format	Color
Hex	008029
RGB	0, 128, 41
RGB Percent	0%, 50%, 16%
CMY	1.0000, 0.4980, 0.8392
CMYK	1.00, 0.00, 0.68, 0.50
HSL	139°, 100%, 25%
HSV	139°, 100%, 50%
XYZ	8.1194, 15.5984, 4.6807
YIQ	79.8100, -48.3610, -54.1930

Conversions

Conversions Part 2

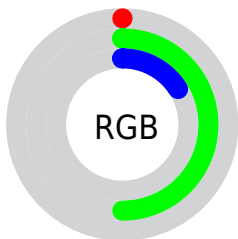
Format	Color
RYB	0, 97, 128
Decimal	32809
CIELab	46.44, -48.94, 37.60
CIELCh	46, 61.719, 142.468
Yxy	15.5984, 0.2859, 0.5493
Android (android.graphics.Color)	4278222889 (0xFF008029)
YUV	79.8100, -19.1333, -69.9934
Hunter-Lab	39.4949, -32.4197, 20.6197

Details

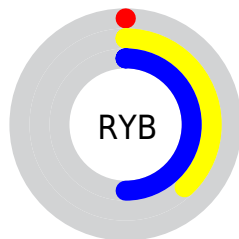
The Hex color **008029** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **800057**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **50B65A**, and **004D00** is the 20% darker color. If you saturate the color by 10%, you get **008029**, and if you desaturate by 10%, it is **0D8032**.

Distribution



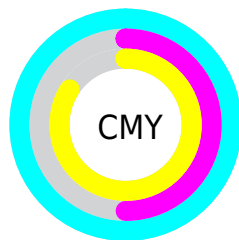
- Red (0%)
- Green (50%)
- Blue (16%)



- Red (0%)
- Yellow (38%)
- Blue (50%)



- Cyan (100%)
- Magenta (0%)
- Yellow (68%)
- Black (50%)



- Cyan (100%)
- Magenta (50%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008029 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 008029 by changing the saturation by 10% instead.

 008029

 008029

FFFFFF

 00660F

 50B65A

 004D00

 6DD274

 003500

 89EF8E

 001F00

 A6FFA9

 000000

 C3FFC5

 E0FFE1

 FEFFFE

 008029

 0D8032

 1A803A

 268043

 33804C

 408055

 4D805D

 5A8066

 66806F

 738077

Harmonies

Analogous

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



607700



008029



00845F

Triad

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



008029



0078D5



C8394A

Complementary

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



008029



800057

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.



C3357D



008029



4E66CF

Square

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



008029



0082C0



9F4CAE



B45019

Rectangle

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



008029



008583



9F4CAE



C9345B

Sweetspot

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



008029



74A684



578000



365440



D4D4D4



545454

Same Dimension

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



008029



00A635



008069



39403B



000000

Inverse Universe

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



800057



A60071



800017



40393E



000000

Previews

White Background



This preview shows how the Hex color 008029 looks on a white background.

Color Contrast Check

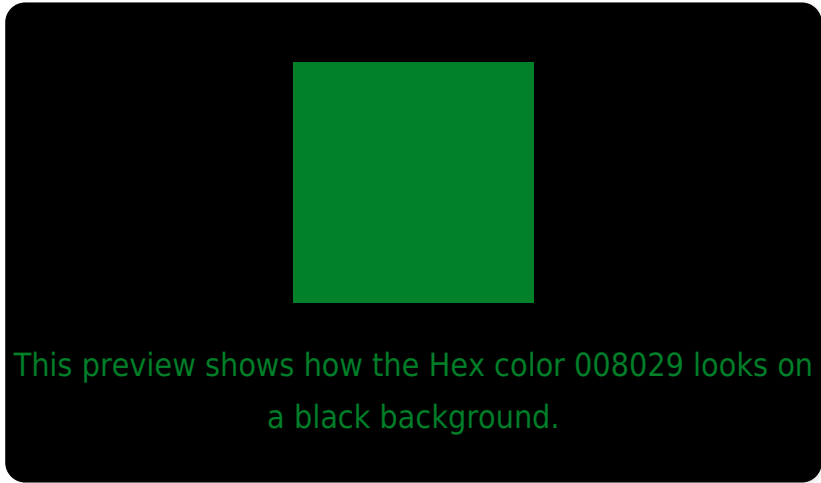
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 008029 Background



This preview shows how black text looks on a background with the Hex color 008029.



This preview shows how white text looks on a background with the Hex color 008029.

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
008029

Protanopia
7B6E24

Deuteranopia
886831



Tritanopia
347881

Trichromacy



Original Color
008029



Protanomaly
4E7526



Deuteranomaly
57712E



Tritanomaly
217B61

Monochromacy



Original Color
008029



Achromatopsia
505050



Achromatomaly
336142

CSS Examples

Text

The CSS property to change the color of the text to Hex 008029 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 #008029 looks like.

```
.text, #text, p{  
    color:#008029  
}
```

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 #008029 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008029
}
```

Border

The CSS property to change the border of an element to Hex 008029 is called "border". The border property can be set on classes, ids or directly on the HTML element.

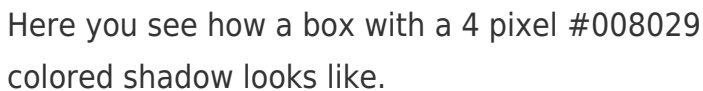
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#008029 }
```

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

```
.border{ border-color:#008029 }
```

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



Here you see how a box with a 4 pixel #008029 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008029; -webkit-box-shadow:4px 4px  
4px 4px #008029; box-shadow:4px 4px 4px  
4px #008029 }
```

Background

The CSS property to change the background color of an element to Hex 008029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008029 }
```

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

```
.background{ background-color:#008029 }
```

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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