

Converting Colors

Hex(008A29)

Have a look what the booklet for
Hex(008A29) contains.

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Color

Hex(008A29)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 008A29 |
| RGB | 0, 138, 41 |
| RGB Percent | 0%, 54%, 16% |
| CMY | 1.0000, 0.4588, 0.8392 |
| CMYK | 1.00, 0.00, 0.70, 0.46 |
| HSL | 138°, 100%, 27% |
| HSV | 138°, 100%, 54% |
| XYZ | 9.4887, 18.3371, 5.1371 |
| YIQ | 85.6800, -51.1110, -59.4230 |

Conversions

Conversions Part 2

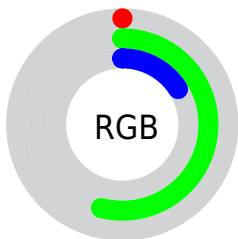
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 106, 138 |
| Decimal | 35369 |
| CIELab | 49.90, -52.11, 41.36 |
| CIElCh | 50, 66.529, 141.565 |
| Yxy | 18.3371, 0.2879, 0.5563 |
| Android (android.graphics.Color) | 4278225449 (0xFF008A29) |
| YUV | 85.6800, -22.0272, -75.1414 |
| Hunter-Lab | 42.8218, -35.3850, 22.8625 |

Details

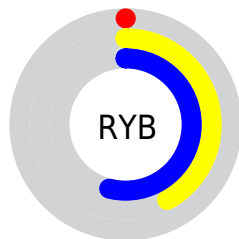
The Hex color **008A29** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **8A0061**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **53C15B**, and **005600** is the 20% darker color. If you saturate the color by 10%, you get **008A29**, and if you desaturate by 10%, it is **0E8A33**.

Distribution



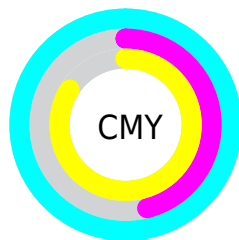
- Red (0%)
- Green (54%)
- Blue (16%)



- Red (0%)
- Yellow (42%)
- Blue (54%)



- Cyan (100%)
- Magenta (0%)
- Yellow (70%)
- Black (46%)



- Cyan (100%)
- Magenta (46%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008A29 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 008A29 by changing the saturation by 10% instead.

 008A29

 008A29

FFFFFF

 00700D

 53C15B

 005600

 71DD75

 003E00

 8DFA90

 002800

 AAFFAB

 000000

 C8FFC7

 E5FFE3

 008A29

 0E8A33

 1C8A3C

 298A46

 378A50

 458A5A

 538A63

 618A6D

 6E8A77

 7C8A80

Harmonies

Analogous

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



698000



008A29



008F64

Triad

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



008A29



0082E7



D83A51

Complementary

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



008A29



8A0061

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.



D23889



008A29



4D6FE1

Square

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



008A29



008DCF



AA52BE



C4551B

Rectangle

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



008A29



00908C



AA52BE



DA3563

Sweetspot

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



008A29



7DB38D



638A00



395943



D9D9D9



595959

Same Dimension

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



008A29



00B335



008A6C



3E4540



008527



000502

Inverse Universe

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



8A0061



B3007D



8A001E



453E43



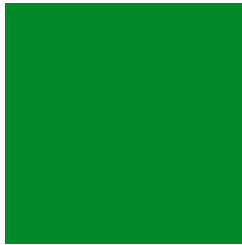
85005D



050004

Previews

White Background



This preview shows how the Hex color 008A29 looks on a white background.

Color Contrast Check

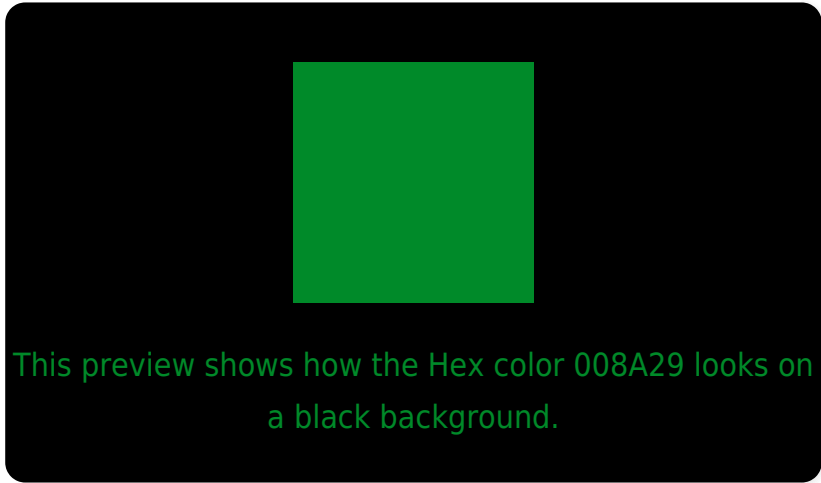
Large Text (above 18pt) WCAG AA ✓ Pass

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

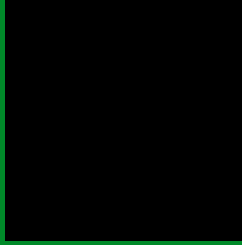
Any Text WCAG AA ✓ Pass

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 008A29 Background



This preview shows how black text looks on a background with the Hex color 008A29.



This preview shows how white text looks on a background with the Hex color 008A29.

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
008A29

Protanopia
847624

Deuteranopia
937032



Tritanopia
38818B

Trichromacy



Original Color
008A29



Protanomaly
547D26



Deuteranomaly
5E792F



Tritanomaly
248467

Monochromacy



Original Color
008A29



Achromatopsia
565656



Achromatomaly
376946

CSS Examples

Text

The CSS property to change the color of the text to Hex 008A29 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 #008A29 looks like.

```
.text, #text, p{  
    color:#008A29  
}
```

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 #008A29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008A29
}
```

Border

The CSS property to change the border of an element to Hex 008A29 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
#008A29 }
```

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

```
.border{ border-color:#008A29 }
```

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

Here you see how a box with a 4 pixel #008A29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008A29; -webkit-box-shadow:4px 4px  
4px 4px #008A29; box-shadow:4px 4px 4px  
4px #008A29 }
```

Background

The CSS property to change the background color of an element to Hex 008A29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008A29 }
```

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

```
.background{ background-color:#008A29 }
```

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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