

Converting Colors

Hex(029C28)

Have a look what the booklet for
Hex(029C28) contains.

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Color

Hex(029C28)

Conversions

Conversions Part 1

Format	Color
Hex	029C28
RGB	2, 156, 40
RGB Percent	1%, 61%, 16%
CMY	0.9922, 0.3882, 0.8431
CMYK	0.99, 0.00, 0.74, 0.39
HSL	135°, 97%, 31%
HSV	135°, 99%, 61%
XYZ	12.2965, 23.9430, 5.9809
YIQ	96.7300, -54.5480, -68.7240

Conversions

Conversions Part 2

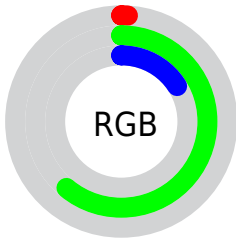
Format	Color
R_{YB}	2, 126, 156
Decimal	171048
CIE _{Lab}	56.03, -57.60, 48.16
CIE _{LCh}	56, 75.080, 140.096
Yxy	23.9430, 0.2912, 0.5671
Android (android.graphics.Color)	4278361128 (0xFF029C28)
YUV	96.7300, -27.9679, -83.0782
Hunter-Lab	48.9316, -40.7733, 27.0052

Details

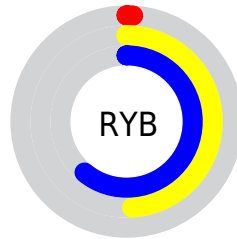
The Hex color **029C28** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **9C0276**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **5AD45D**, and **006700** is the 20% darker color. If you saturate the color by 10%, you get **009C26**, and if you desaturate by 10%, it is **129C34**.

Distribution



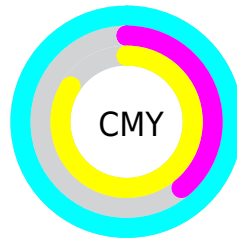
- Red (1%)
- Green (61%)
- Blue (16%)



- Red (1%)
- Yellow (49%)
- Blue (61%)



- Cyan (99%)
- Magenta (0%)
- Yellow (74%)
- Black (39%)



- Cyan (99%)
- Magenta (39%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 029C28 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 029C28 by changing the saturation by 10% instead.



029C28



029C28

FFFFFF



008106



5AD45D



006700



78F177



004E00



96FF92



003600



B3FFAD



001D00



D1FFCA



000000



EFFFE6



029C28



029C28



009C26



129C34

 219C40

 319C4B

 409C57

 509C63

 609C6F

 6F9C7A

 7F9C86

 8E9C92

Harmonies

Analogous

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



799000



029C28



00A26E

Triad

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



029C28



0095FF



F73D5E

Complementary

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



029C28



9C0276

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.



EE3C9F



029C28



4A7FFF

Square

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



029C28



00A0EA



BE5DDB



E05E1E

Rectangle

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



029C28



00A39B



BE5DDB



F83773

Sweetspot

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



029C28



8FCC9E



789C02



41664A



E6E6E6



666666

Same Dimension

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



029C28



00CC32



029C73



474F49



008F23



000F04

Inverse Universe

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



9C0276



CC009A



9C022B



4F474D



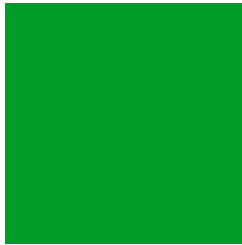
8F006C



0F000C

Previews

White Background



This preview shows how the Hex color 029C28 looks on a white background.

Color Contrast Check

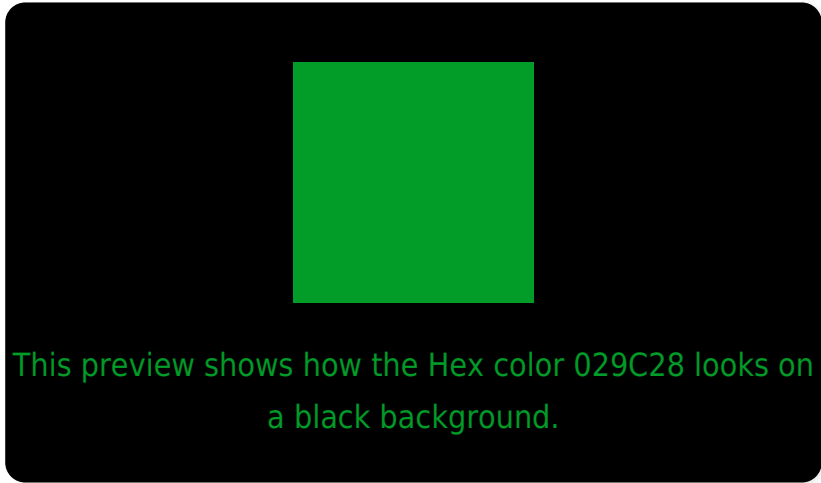
Large Text (above 18pt) WCAG AA ✓ Pass

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 029C28 Background



This preview shows how black text looks on a background with the Hex color 029C28.



This preview shows how white text looks on a background with the Hex color 029C28.

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
029C28

Protanopia
968622

Deuteranopia
A67F33



Tritanopia
40919D

Trichromacy



Original Color
029C28



Protanomaly
608E24



Deuteranomaly
6A8A2F



Tritanomaly
299572

Monochromacy



Original Color
029C28



Achromatopsia
616161



Achromatomaly
3E764C

CSS Examples

Text

The CSS property to change the color of the text to Hex 029C28 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 #029C28 looks like.

```
.text, #text, p{  
    color:#029C28  
}
```

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 #029C28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #029C28
}
```

Border

The CSS property to change the border of an element to Hex 029C28 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
#029C28 }
```

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

```
.border{ border-color:#029C28 }
```

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

Here you see how a box with a 4 pixel #029C28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #029C28; -webkit-box-shadow:4px 4px  
4px 4px #029C28; box-shadow:4px 4px 4px  
4px #029C28 }
```

Background

The CSS property to change the background color of an element to Hex 029C28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#029C28 }
```

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

```
.background{ background-color:#029C28 }
```

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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