

Converting Colors

Hex(29A329)

Have a look what the booklet for
Hex(29A329) contains.

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Color

Hex(29A329)

Conversions

Conversions Part 1

Format	Color
Hex	29A329
RGB	41, 163, 41
RGB Percent	16%, 64%, 16%
CMY	0.8392, 0.3608, 0.8392
CMYK	0.75, 0.00, 0.75, 0.36
HSL	120°, 60%, 40%
HSV	120°, 75%, 64%
XYZ	14.4119, 26.8259, 6.5162
YIQ	112.6140, -33.5500, -63.8060

Conversions

Conversions Part 2

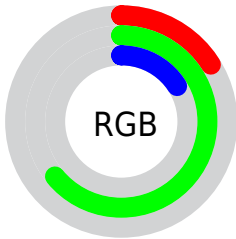
Format	Color
RYB	41, 163, 163
Decimal	2728745
CIELab	58.81, -55.85, 50.76
CIELCh	59, 75.466, 137.733
Yxy	26.8259, 0.3018, 0.5618
Android (android.graphics.Color)	4280918825 (0xFF29A329)
YUV	112.6140, -35.3057, -62.8055
Hunter-Lab	51.7937, -40.9704, 28.7963

Details

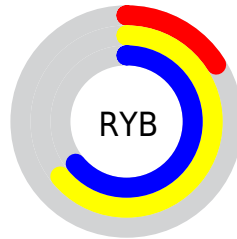
The Hex color **29A329** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A329A3**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **6BDB5F**, and **006E00** is the 20% darker color. If you saturate the color by 10%, you get **19A319**, and if you desaturate by 10%, it is **39A339**.

Distribution



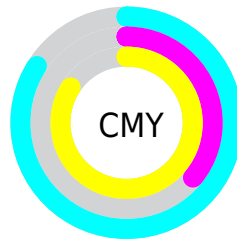
- Red (16%)
- Green (64%)
- Blue (16%)



- Red (16%)
- Yellow (64%)
- Blue (64%)



- Cyan (75%)
- Magenta (0%)
- Yellow (75%)
- Black (36%)



- Cyan (84%)
- Magenta (36%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29A329 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 29A329 by changing the saturation by 10% instead.

 29A329

 29A329

FFFFFF

 008806

 6BDB5F

 006E00

 88F879

 005400

 A5FF94

 003C00

 C3FFB0

 002500

 E1FFCC

 000000

 FFFFE9

 29A329

 29A329

 19A319

 39A339

■ 08A308

■ 4AA34A

■ 00A300

■ 5AA35A

■ 6AA36A

■ 7AA37A

■ 8BA38B

■ 9BA39B

■ ABA3AB

■ BCA3BC

Harmonies

Analogous

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



869600



29A329



00A96F

Triad

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



29A329



009DFF



FF4469

Complementary

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



29A329



A329A3

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.



F547AC



29A329



4188FF

Square

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



29A329



00A8EF



C068E8



EC622A

Rectangle

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



29A329



00AB9D



C068E8



FF407F

Sweetspot

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



29A329



A5D4A5



A3A329



4F6B4F



EBEBEB



6B6B6B

Same Dimension

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



29A329



15D415



29A366



495249



009100



001200

Inverse Universe

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



A329A3



D415D4



A32966



524952



910091



120012

Previews

White Background



This preview shows how the Hex color 29A329 looks on a white background.

Color Contrast Check

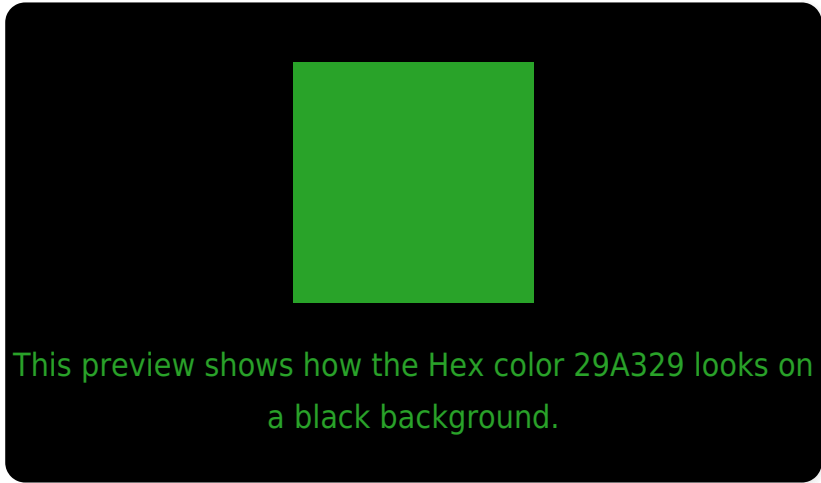
Large Text (above 18pt) WCAG AA ✓ Pass

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 29A329 Background



This preview shows how black text looks on a background with the Hex color 29A329.



This preview shows how white text looks on a background with the Hex color 29A329.

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
29A329

Protanopia
9E8D23

Deuteranopia
AF8535



Tritanopia
4D98A4

Trichromacy



Original Color
29A329



Protanomaly
739525



Deuteranomaly
7E9031



Tritanomaly
409C77

Monochromacy



Original Color
29A329



Achromatopsia
717171



Achromatomaly
578357

CSS Examples

Text

The CSS property to change the color of the text to Hex 29A329 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 #29A329 looks like.

```
.text, #text, p{  
    color:#29A329  
}
```

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 #29A329 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29A329
}
```

Border

The CSS property to change the border of an element to Hex 29A329 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
#29A329 }
```

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

```
.border{ border-color:#29A329 }
```

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

Here you see how a box with a 4 pixel #29A329 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29A329; -webkit-box-shadow:4px 4px  
4px 4px #29A329; box-shadow:4px 4px 4px  
4px #29A329 }
```

Background

The CSS property to change the background color of an element to Hex 29A329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29A329 }
```

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

```
.background{ background-color:#29A329 }
```

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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