

Converting Colors

Hex(29AA57)

Have a look what the booklet for
Hex(29AA57) contains.

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Color

Hex(29AA57)

Conversions

Conversions Part 1

Format	Color
Hex	29AA57
RGB	41, 170, 87
RGB Percent	16%, 67%, 34%
CMY	0.8392, 0.3333, 0.6588
CMYK	0.76, 0.00, 0.49, 0.33
HSL	141°, 61%, 41%
HSV	141°, 76%, 67%
XYZ	17.0095, 29.9090, 13.8933
YIQ	121.9670, -50.2410, -53.1610

Conversions

Conversions Part 2

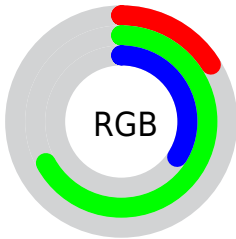
Format	Color
RYB	41, 136, 170
Decimal	2730583
CIELab	61.58, -52.61, 33.06
CIELCh	62, 62.139, 147.854
Yxy	29.9090, 0.2797, 0.4918
Android (android.graphics.Color)	4280920663 (0xFF29AA57)
YUV	121.9670, -17.2387, -71.0081
Hunter-Lab	54.6891, -40.1886, 23.2202

Details

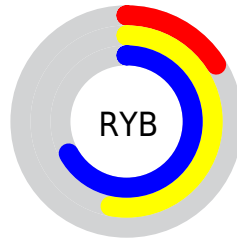
The Hex color **29AA57** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **AA297C**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **6AE28A**, and **007427** is the 20% darker color. If you saturate the color by 10%, you get **18AA4C**, and if you desaturate by 10%, it is **3AAA62**.

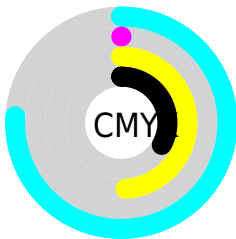
Distribution



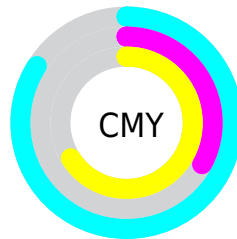
- Red (16%)
- Green (67%)
- Blue (34%)



- Red (16%)
- Yellow (53%)
- Blue (67%)



- Cyan (76%)
- Magenta (0%)
- Yellow (49%)
- Black (33%)



- Cyan (84%)
- Magenta (33%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29AA57 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 29AA57 by changing the saturation by 10% instead.



29AA57



29AA57

FFFFFF



008F3F



6AE28A



007427



88FFA5



005B0E



A5FFC0



004200



C2FFDD



002C00



E0FFF9



000B00

FEFFFF



000000



29AA57



29AA57



18AA4C



3AAA62

07AA41

4BAA6D

00AA3D

5CAA78

6DAA83

7EAA8E

8FAA99

A0AAA4

B1AAAF

C2AAB9

Harmonies

Analogous

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



7EA128



29AA57



00AE8F

Triad

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



29AA57



009CFF



F56665

Complementary

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



29AA57



AA297C

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.



F4609B



29AA57



8D88F6

Square

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



29AA57



00A9F1



D36FD0



DD7B36

Rectangle

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



29AA57



00AFB5



D36FD0



F86176

Sweetspot

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



29AA57



ABDEBD



7DAA29



51705C



F0F0F0



707070

Same Dimension

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



29AA57



14DE5C



29AA97



4C544F



009435



001407

Inverse Universe

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



AA297C



DE1496



AA293C



544C51



94005F



14000D

Previews

White Background



This preview shows how the Hex color 29AA57 looks on a white background.

Color Contrast Check

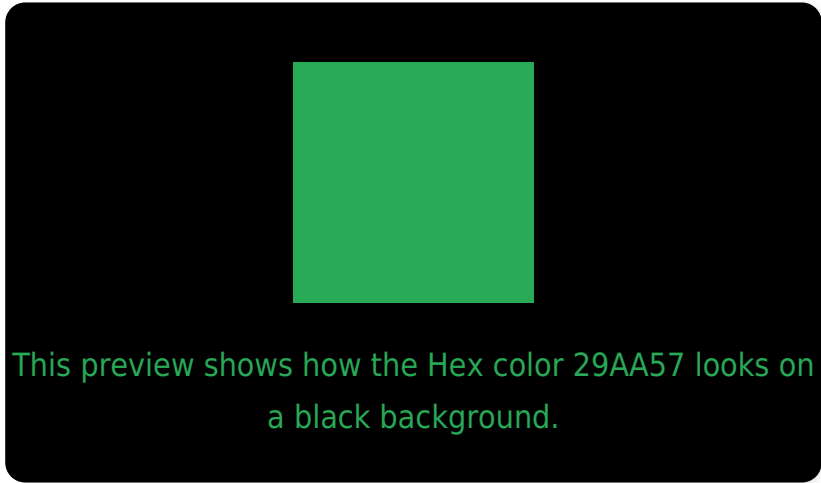
Large Text (above 18pt) WCAG AA ✓ Pass

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 29AA57 Background



This preview shows how black text looks on a background with the Hex color 29AA57.

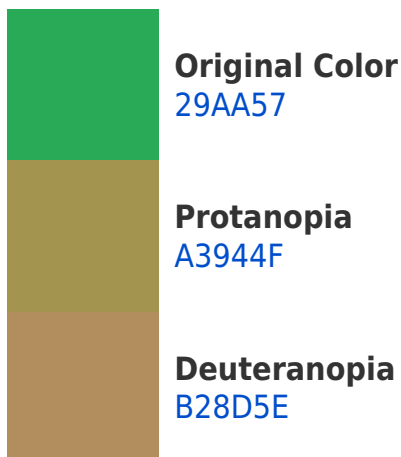


This preview shows how white text looks on a background with the Hex color 29AA57.

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



Trichromacy



Original Color
29AA57



Protanomaly
779C52



Deuteranomaly
80985B



Tritanomaly
3FA48E

Monochromacy



Original Color
29AA57



Achromatopsia
7A7A7A



Achromatomaly
5D8B6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 29AA57 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 #29AA57 looks like.

```
.text, #text, p{  
    color:#29AA57  
}
```

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 #29AA57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29AA57
}
```

Border

The CSS property to change the border of an element to Hex 29AA57 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
#29AA57 }
```

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

```
.border{ border-color:#29AA57 }
```

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

Here you see how a box with a 4 pixel #29AA57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29AA57; -webkit-box-shadow:4px 4px  
4px 4px #29AA57; box-shadow:4px 4px 4px  
4px #29AA57 }
```

Background

The CSS property to change the background color of an element to Hex 29AA57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29AA57 }
```

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

```
.background{ background-color:#29AA57 }
```

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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