

Converting Colors

Hex(29A473)

Have a look what the booklet for
Hex(29A473) contains.

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Color

Hex(29A473)

Conversions

Conversions Part 1

Format	Color
Hex	29A473
RGB	41, 164, 115
RGB Percent	16%, 64%, 45%
CMY	0.8392, 0.3569, 0.5490
CMYK	0.75, 0.00, 0.30, 0.36
HSL	156°, 60%, 40%
HSV	156°, 75%, 64%
XYZ	17.2844, 28.2601, 20.7634
YIQ	121.6370, -57.5790, -41.3150

Conversions

Conversions Part 2

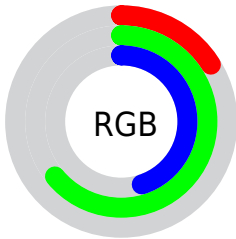
Format	Color
R_{YB}	41, 118, 164
Decimal	2729075
CIE _{Lab}	60.12, -44.84, 16.13
CIE _{LCh}	60, 47.654, 160.217
Yxy	28.2601, 0.2607, 0.4262
Android (android.graphics.Color)	4280919155 (0xFF29A473)
YUV	121.6370, -3.2720, -70.7186
Hunter-Lab	53.1603, -34.9933, 14.0546

Details

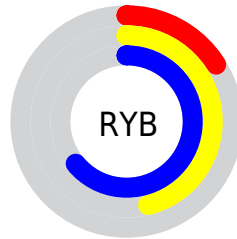
The Hex color **29A473** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A4295A**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **69DCA7**, and **006F43** is the 20% darker color. If you saturate the color by 10%, you get **19A46C**, and if you desaturate by 10%, it is **39A47A**.

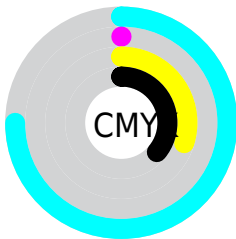
Distribution



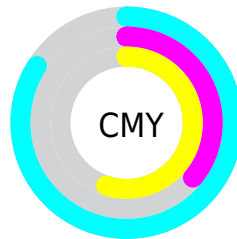
- Red (16%)
- Green (64%)
- Blue (45%)



- Red (16%)
- Yellow (46%)
- Blue (64%)



- Cyan (75%)
- Magenta (0%)
- Yellow (30%)
- Black (36%)



- Cyan (84%)
- Magenta (36%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29A473 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 29A473 by changing the saturation by 10% instead.

 29A473

 29A473

FFFFFF

 00895A

 69DCA7

 006F43

 86F9C2

 00562C

 A3FFDE

 003D17

 C0FFFB

 002800

 DEFFF

 000100

 FCFFF

 000000

 29A473

 29A473

 19A46C

 39A47A

■ 08A466

■ 4AA480

■ 00A463

■ 5AA487

■ 6BA48D

■ 7BA494

■ 8BA49A

■ 9CA4A1

■ ACA4A7

■ BDA4AE

Harmonies

Analogous

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



6E9E4E



29A473



00A69E

Triad

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



29A473



6291E3



D8755D

Complementary

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



29A473



A4295A

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.



DF6D84



29A473



A780D1

Square

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



29A473



009DDF



CF71AE



C08541

Rectangle

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



29A473



00A5BA



CF71AE



DD7169

Sweetspot

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



29A473



A5D6C3



5AA429



4D6B5F



EBEBEB



6B6B6B

Same Dimension

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



29A473



15D689



2998A4



49524E



009157



00120B

Inverse Universe

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



A4295A



D61562



A43529



52494D



91003A



120007

Previews

White Background



This preview shows how the Hex color 29A473 looks on a white background.

Color Contrast Check

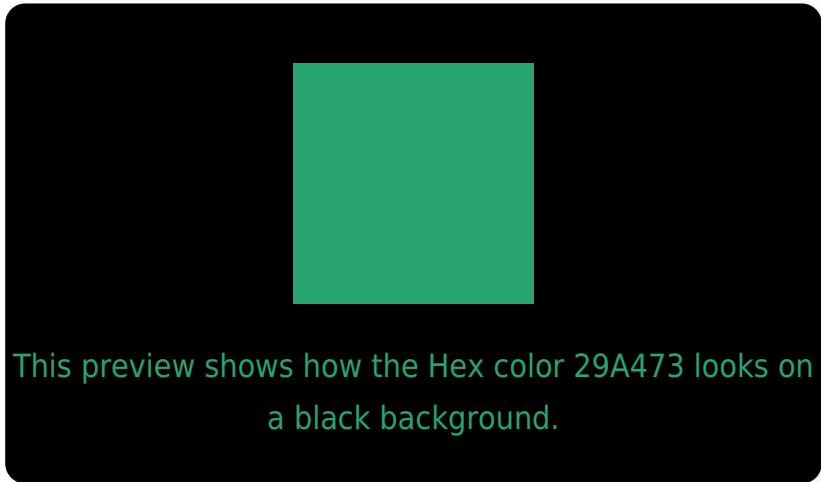
Large Text (above 18pt) WCAG AA ✓ Pass

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

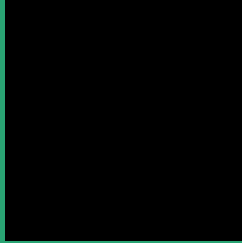
Any Text WCAG AA ✓ Pass

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 29A473 Background



This preview shows how black text looks on a background with the Hex color 29A473.

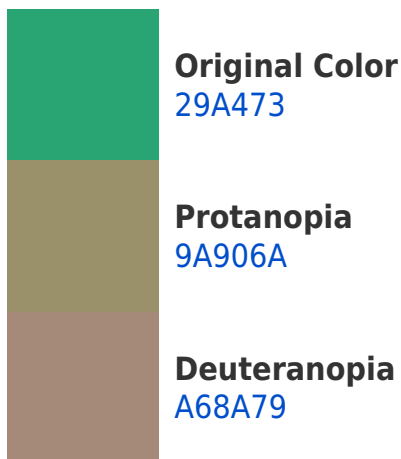


This preview shows how white text looks on a background with the Hex color 29A473.

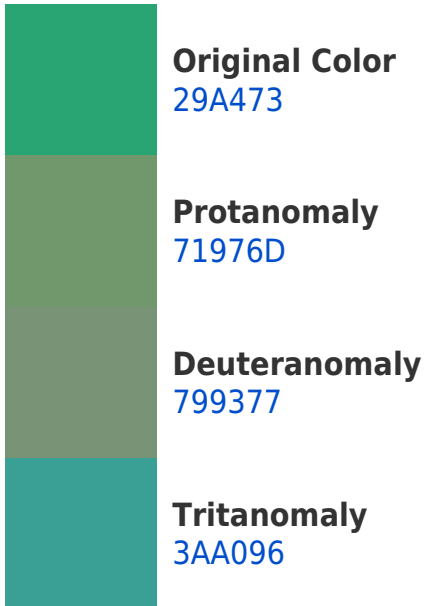
Color Blindness Simulation

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 29A473 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 #29A473 looks like.

```
.text, #text, p{  
    color:#29A473  
}
```

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 #29A473 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29A473
}
```

Border

The CSS property to change the border of an element to Hex 29A473 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
#29A473 }
```

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

```
.border{ border-color:#29A473 }
```

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

Here you see how a box with a 4 pixel #29A473 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29A473; -webkit-box-shadow:4px 4px  
4px 4px #29A473; box-shadow:4px 4px 4px  
4px #29A473 }
```

Background

The CSS property to change the background color of an element to Hex 29A473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29A473 }
```

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

```
.background{ background-color:#29A473 }
```

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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