

Converting Colors

Hex(249A4A)

Have a look what the booklet for
Hex(249A4A) contains.

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Color

Hex(249A4A)

Conversions

Conversions Part 1

Format	Color
Hex	249A4A
RGB	36, 154, 74
RGB Percent	14%, 60%, 29%
CMY	0.8588, 0.3961, 0.7098
CMYK	0.77, 0.00, 0.52, 0.40
HSL	139°, 62%, 37%
HSV	139°, 77%, 60%
XYZ	13.5192, 23.9807, 10.3948
YIQ	109.5980, -44.6480, -49.8960

Conversions

Conversions Part 2

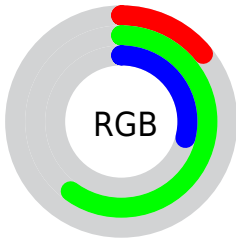
Format	Color
RYB	36, 125, 154
Decimal	2398794
CIELab	56.07, -49.64, 32.85
CIElCh	56, 59.524, 146.506
Yxy	23.9807, 0.2823, 0.5007
Android (android.graphics.Color)	4280588874 (0xFF249A4A)
YUV	109.5980, -17.5498, -64.5454
Hunter-Lab	48.9701, -36.4191, 21.6937

Details

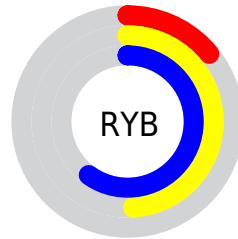
The Hex color **249A4A** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9A2474**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **64D17C**, and **00651A** is the 20% darker color. If you saturate the color by 10%, you get **159A40**, and if you desaturate by 10%, it is **339A54**.

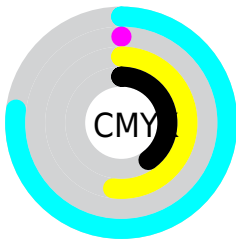
Distribution



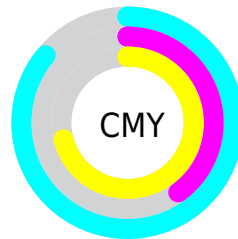
- Red (14%)
- Green (60%)
- Blue (29%)



- Red (14%)
- Yellow (49%)
- Blue (60%)



- Cyan (77%)
- Magenta (0%)
- Yellow (52%)
- Black (40%)



- Cyan (86%)
- Magenta (40%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 249A4A 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 249A4A by changing the saturation by 10% instead.



249A4A



249A4A

FFFFFF



007F32



64D17C



00651A



81EE97



004C01



9EFFB2



003500



BBFFCE



001D00



D8FFEA



000000



F6FFFF



249A4A



249A4A



159A40



339A54

■ 059A35

■ 439A5F

■ 009A32

■ 529A69

■ 629A74

■ 719A7E

■ 809A89

■ 909A93

■ 9F9A9E

■ AF9AA8

Harmonies

Analogous

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



73911D



249A4A



009E7E

Triad

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



249A4A



008EEE



E1595B

Complementary

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



249A4A



9A2474

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.



DF548F



249A4A



7B7BE4

Square

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



249A4A



009ADC



BF64C0



CC6D2F

Rectangle

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



249A4A



009FA2



BF64C0



E4556C

Sweetspot

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



249A4A



9BC9AA



759A24



496653



E6E6E6



666666

Same Dimension

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



249A4A



10C94C



249A84



454D47



008C2D



000D04

Inverse Universe

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



9A2474



C9108E



9A243A



4D454A



8C005F



0D0009

Previews

White Background



This preview shows how the Hex color 249A4A looks on a white background.

Color Contrast Check

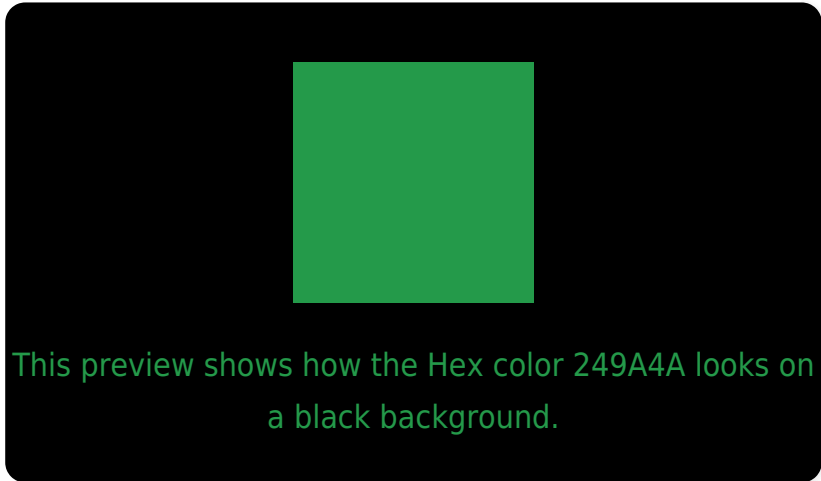
Large Text (above 18pt) WCAG AA ✓ Pass

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 249A4A Background



This preview shows how black text looks on a background with the Hex color 249A4A.

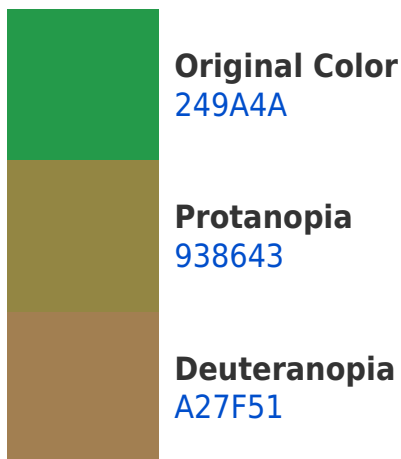



This preview shows how white text looks on a background with the Hex color 249A4A.

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](#).

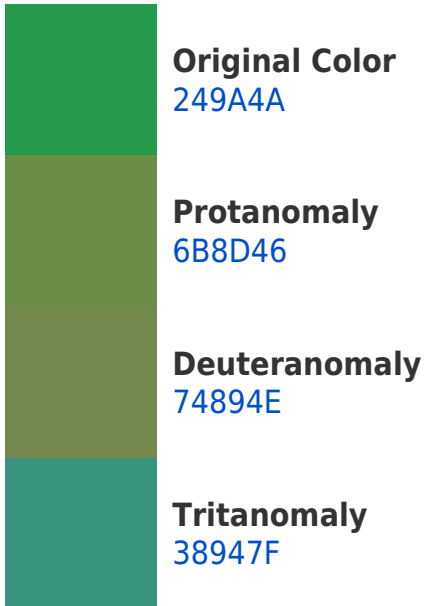
Dichromacy



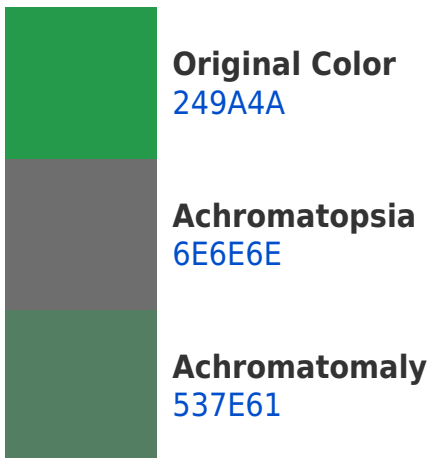


Tritanopia
44919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 249A4A 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 #249A4A looks like.

```
.text, #text, p{  
    color:#249A4A  
}
```

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 #249A4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #249A4A
}
```

Border

The CSS property to change the border of an element to Hex 249A4A 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
#249A4A }
```

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

```
.border{ border-color:#249A4A }
```

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

Here you see how a box with a 4 pixel #249A4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #249A4A; -webkit-box-shadow:4px 4px  
4px 4px #249A4A; box-shadow:4px 4px 4px  
4px #249A4A }
```

Background

The CSS property to change the background color of an element to Hex 249A4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#249A4A }
```

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

```
.background{ background-color:#249A4A }
```

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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