

# Converting Colors

Hex(29A24C)

Have a look what the booklet for  
Hex(29A24C) contains.

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# Color

Hex(29A24C)

# Conversions

## Conversions Part 1

Format	Color
Hex	29A24C
RGB	41, 162, 76
RGB Percent	16%, 64%, 30%
CMY	0.8392, 0.3647, 0.7020
CMYK	0.75, 0.00, 0.53, 0.36
HSL	137°, 60%, 40%
HSV	137°, 75%, 64%
XYZ	15.1393, 26.8339, 11.2190
YIQ	116.0170, -44.5100, -52.3980

# Conversions

## Conversions Part 2

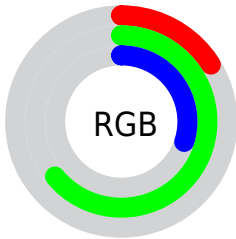
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	41, 135, 162
Decimal	2728524
CIE <sub>Lab</sub>	58.82, -51.47, 35.24
CIE <sub>LCh</sub>	59, 62.374, 145.601
Yxy	26.8339, 0.2846, 0.5045
Android (android.graphics.Color)	4280918604 (0xFF29A24C)
YUV	116.0170, -19.7284, -65.7899
Hunter-Lab	51.8014, -38.4848, 23.4201

# Details

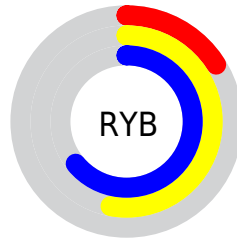
The Hex color **29A24C** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A2297F**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **69DA7F**, and **006D1B** is the 20% darker color. If you saturate the color by 10%, you get **19A240**, and if you desaturate by 10%, it is **39A258**.

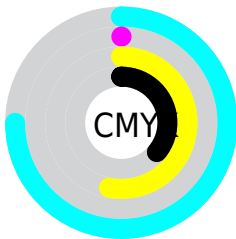
# Distribution



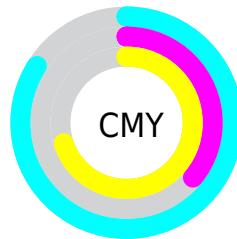
- Red (16%)
- Green (64%)
- Blue (30%)



- Red (16%)
- Yellow (53%)
- Blue (64%)



- Cyan (75%)
- Magenta (0%)
- Yellow (53%)
- Black (36%)



- Cyan (84%)
- Magenta (36%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 29A24C 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 29A24C by changing the saturation by 10% instead.



 29A24C

 29A24C

FFFFFF

 008734

 69DA7F

 006D1B

 86F799

 005400

 A3FFB4

 003B00

 C0FFD0

 002500

 DEFFED

 000000

 FCFFFF

 29A24C

 29A24C

 19A240

 39A258

 09A235

 49A263

 00A22F

 5AA26F

 6AA27A

 7AA286

 8AA291

 9AA29D

 ABA2A8

 BBA2B4

# Harmonies

## Analogous

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



7B981C



29A24C



00A783

# Triad

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



29A24C



0096FB



EE5D62

# Complementary

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



29A24C



A2297F

# 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.



EB5898



29A24C



7E82F1

# Square

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



29A24C



00A2E7



C86ACC



D87232

# Rectangle

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



29A24C



00A7A9



C86ACC



F05973



# Sweetspot

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



29A24C



A5D4B3



80A229



4F6B57



EBEBEB



6B6B6B



# Same Dimension

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



29A24C



15D44C



29A288



49524C



00912A



001205



# Inverse Universe

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



A2297F



D4159D



A22943



52494F



910067



12000D



# Previews

## White Background



This preview shows how the Hex color 29A24C looks on a white background.

## Color Contrast Check

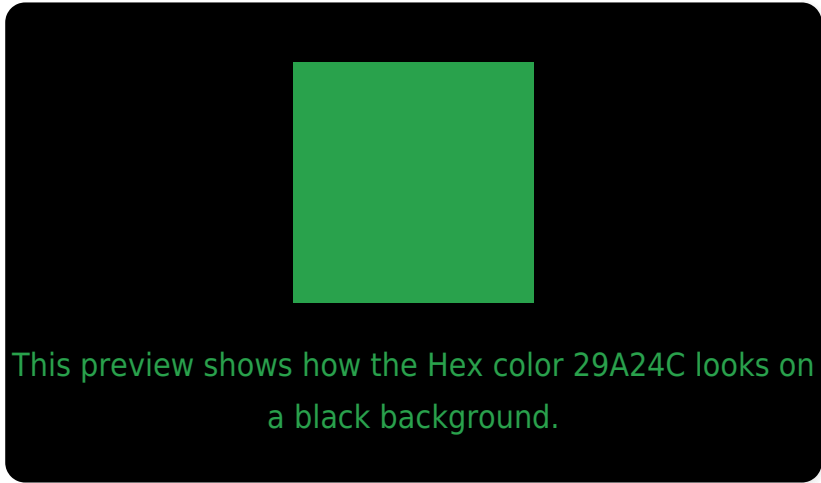
Large Text (above 18pt) WCAG AA ✓ Pass

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

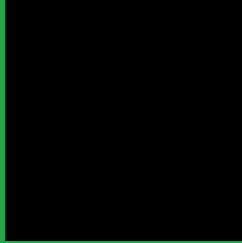
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 29A24C Background



This preview shows how black text looks on a background with the Hex color 29A24C.

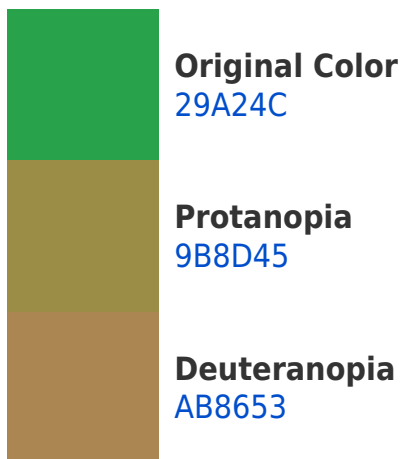


This preview shows how white text looks on a background with the Hex color 29A24C.

# 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](#).

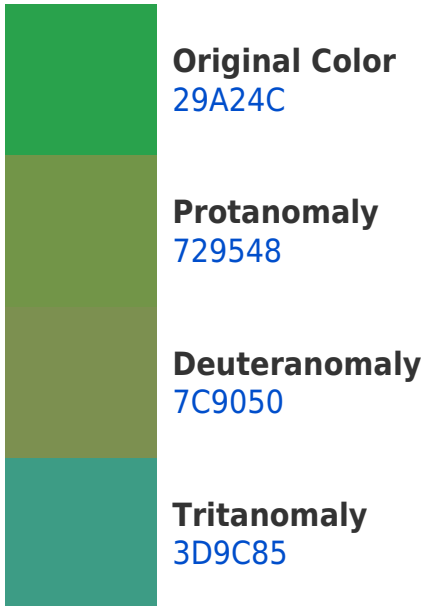
## Dichromacy





**Tritanopia**  
4998A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 29A24C 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 #29A24C looks like.

```
.text, #text, p{  
    color:#29A24C  
}
```

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 #29A24C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29A24C
}
```

## Border

The CSS property to change the border of an element to Hex 29A24C 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
#29A24C }
```

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

```
.border{ border-color:#29A24C }
```

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

Here you see how a box with a 4 pixel #29A24C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29A24C; -webkit-box-shadow:4px 4px  
4px 4px #29A24C; box-shadow:4px 4px 4px  
4px #29A24C }
```

# Background

The CSS property to change the background color of an element to Hex 29A24C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29A24C }
```

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

```
.background{ background-color:#29A24C }
```

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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