

# Converting Colors

Hex(299D4C)

Have a look what the booklet for  
Hex(299D4C) contains.

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# Color

Hex(299D4C)

# Conversions

## Conversions Part 1

Format	Color
Hex	299D4C
RGB	41, 157, 76
RGB Percent	16%, 62%, 30%
CMY	0.8392, 0.3843, 0.7020
CMYK	0.74, 0.00, 0.52, 0.38
HSL	138°, 59%, 39%
HSV	138°, 74%, 62%
XYZ	14.2759, 25.1072, 10.9312
YIQ	113.0820, -43.1350, -49.7830

# Conversions

## Conversions Part 2

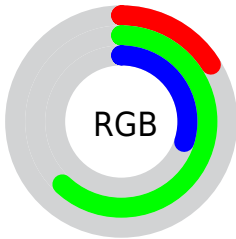
<b>Format</b>	<b>Color</b>
<b>RYB</b>	41, 130, 157
Decimal	2727244
CIELab	57.18, -49.65, 33.22
CIELCh	57, 59.736, 146.214
Yxy	25.1072, 0.2837, 0.4990
Android (android.graphics.Color)	4280917324 (0xFF299D4C)
YUV	113.0820, -18.2814, -63.2159
Hunter-Lab	50.1070, -36.8311, 22.1404

# Details

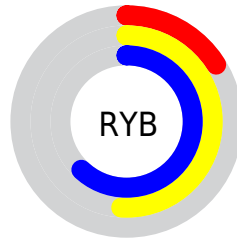
The Hex color **299D4C** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9D297A**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **68D57F**, and **00681C** is the 20% darker color. If you saturate the color by 10%, you get **199D41**, and if you desaturate by 10%, it is **399D57**.

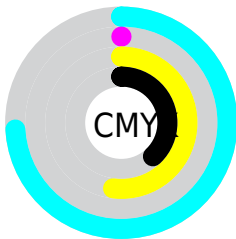
# Distribution



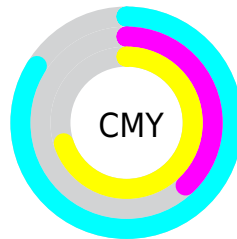
- Red (16%)
- Green (62%)
- Blue (30%)



- Red (16%)
- Yellow (51%)
- Blue (62%)



- Cyan (74%)
- Magenta (0%)
- Yellow (52%)
- Black (38%)



- Cyan (84%)
- Magenta (38%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 299D4C 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 299D4C by changing the saturation by 10% instead.



 299D4C

 299D4C

FFFFFF

 008234

 68D57F

 00681C

 84F199

 004F02

 A1FFB4

 003700

 BEFFD0

 002100

 DCF FEC

 000000

 F9FFFF

 299D4C

 299D4C

 199D41

 399D57

■ 0A9D36

■ 489D62

■ 009D2F

■ 589D6D

■ 689D78

■ 789D83

■ 879D8E

■ 979D99

■ A79DA4

■ B69DAF

# Harmonies

## Analogous

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



77941F



299D4C



00A181

# Triad

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



299D4C



0091F2



E55C5E

# Complementary

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



299D4C



9D297A

# 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.



E35792



299D4C



7D7EE7

# Square

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



299D4C



009DDF



C267C4



D07031

# Rectangle

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



299D4C



00A2A5



C267C4



E7586F



# Sweetspot

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



299D4C



9FCCAD



7A9D29



4B6653



E6E6E6



666666



# Same Dimension

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



299D4C



16CC4D



299D86



474F4A



008F2B



000F05



# Inverse Universe

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



9D297A



CC1695



9D2940



4F474D



8F0064



0F000B



# Previews

## White Background



This preview shows how the Hex color 299D4C looks on a white background.

## Color Contrast Check

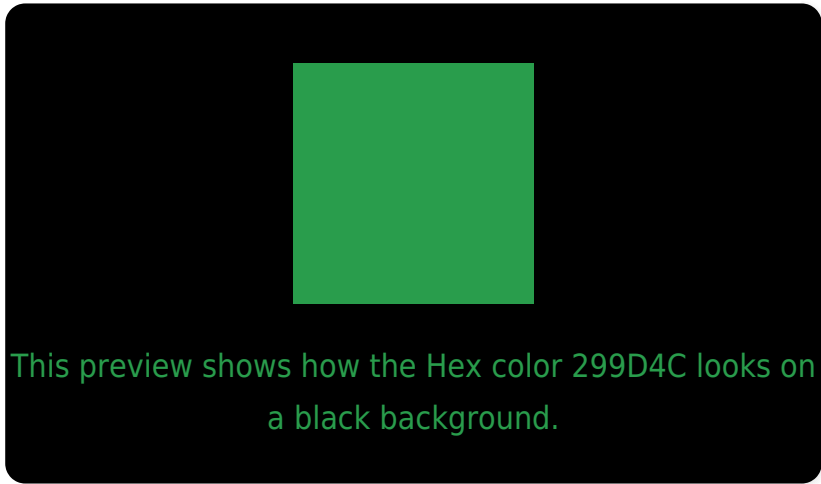
Large Text (above 18pt) WCAG AA ✓ Pass

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 299D4C Background



This preview shows how black text looks on a background with the Hex color 299D4C.



This preview shows how white text looks on a background with the Hex color 299D4C.

# 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**  
299D4C

**Protanopia**  
978845

**Deuteranopia**  
A58253



**Tritanopia**  
4794A0

# Trichromacy



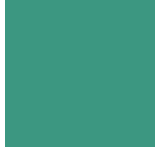
**Original Color**  
299D4C



**Protanomaly**  
6F9048



**Deuteranomaly**  
788C50



**Tritanomaly**  
3C9781

# Monochromacy



**Original Color**  
299D4C



**Achromatopsia**  
717171



**Achromatomaly**  
578164

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 299D4C 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 #299D4C looks like.

```
.text, #text, p{  
    color:#299D4C  
}
```

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 #299D4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #299D4C
}
```

## Border

The CSS property to change the border of an element to Hex 299D4C 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
#299D4C }
```

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

```
.border{ border-color:#299D4C }
```

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

Here you see how a box with a 4 pixel #299D4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #299D4C; -webkit-box-shadow:4px 4px  
4px 4px #299D4C; box-shadow:4px 4px 4px  
4px #299D4C }
```

# Background

The CSS property to change the background color of an element to Hex 299D4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#299D4C }
```

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

```
.background{ background-color:#299D4C }
```

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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