

# Converting Colors

Hex(299760)

Have a look what the booklet for  
Hex(299760) contains.

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# Color

Hex(299760)

# Conversions

## Conversions Part 1

Format	Color
Hex	299760
RGB	41, 151, 96
RGB Percent	16%, 59%, 38%
CMY	0.8392, 0.4078, 0.6235
CMYK	0.73, 0.00, 0.36, 0.41
HSL	150°, 57%, 38%
HSV	150°, 73%, 59%
XYZ	14.0924, 23.4492, 14.8497
YIQ	111.8400, -47.9050, -40.4250

# Conversions

## Conversions Part 2

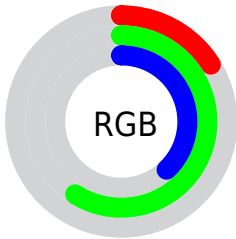
Format	Color
<a href="#">RYB</a>	<a href="#">41, 114, 151</a>
Decimal	<a href="#">2725728</a>
CIELab	<a href="#">55.53, -43.69, 20.38</a>
CIELCh	<a href="#">56, 48.211, 154.989</a>
Yxy	<a href="#">23.4492, 0.2690, 0.4476</a>
Android (android.graphics.Color)	<a href="#">4280915808 (0xFF299760)</a>
YUV	<a href="#">111.8400, -7.8091, -62.1267</a>
Hunter-Lab	<a href="#">48.4243, -32.7958, 15.7153</a>

# Details

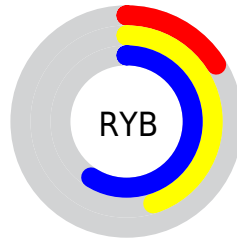
The Hex color **299760** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **972960**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **66CE93**, and **006331** is the 20% darker color. If you saturate the color by 10%, you get **1A9758**, and if you desaturate by 10%, it is **389768**.

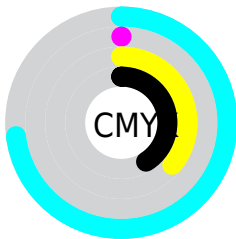
# Distribution



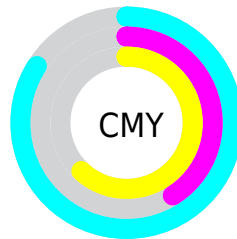
- Red (16%)
- Green (59%)
- Blue (38%)



- Red (16%)
- Yellow (45%)
- Blue (59%)



- Cyan (73%)
- Magenta (0%)
- Yellow (36%)
- Black (41%)



- Cyan (84%)
- Magenta (41%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 299760 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 299760 by changing the saturation by 10% instead.



 299760

 299760

FFFFFF

 007D48

 66CE93

 006331

 82EBAE

 004A1B

 9FFFC9

 003203

 BCFFE5

 001C00

 D9FFFF

 000000

 F6FFFF

 299760

 299760

 1A9758

 389768

■ 0B9751

■ 47976F

■ 00974C

■ 569777

■ 65977E

■ 759786

■ 84978D

■ 939795

■ A2979C

■ B197A4

# Harmonies

## Analogous

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



6A903D



299760



009A8B

# Triad

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



299760



3F87D8



CE6757

# Complementary

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



299760



972960

# 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.



D16080



299760



9177CA

# Square

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



299760



0093D0



BE67A9



B87638

# Rectangle

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



299760



0099A7



BE67A9



D16364



# Sweetspot

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



299760



99C4AF



609729



4A6357



E3E3E3



636363



# Same Dimension

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



299760



1AC46F



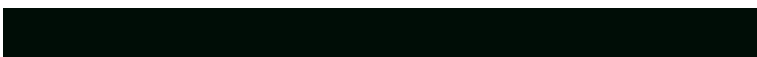
299797



454D49



008C46



000D06



# Inverse Universe

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



972960



C41A6F



972929



4D4549



8C0046



0D0006



# Previews

## White Background



This preview shows how the Hex color 299760 looks on a white background.

## Color Contrast Check

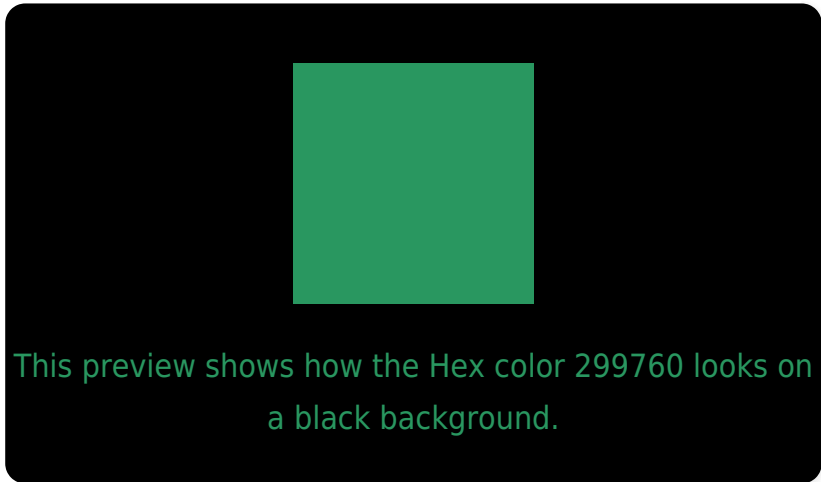
Large Text (above 18pt) WCAG AA ✓ Pass

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

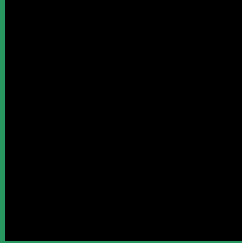
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 299760 Background



This preview shows how black text looks on a background with the Hex color 299760.



This preview shows how white text looks on a background with the Hex color 299760.

# 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**  
299760

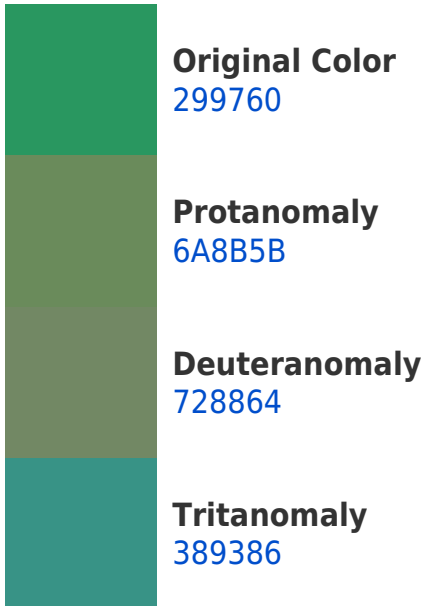
**Protanopia**  
8F8458

**Deuteranopia**  
9B7F66

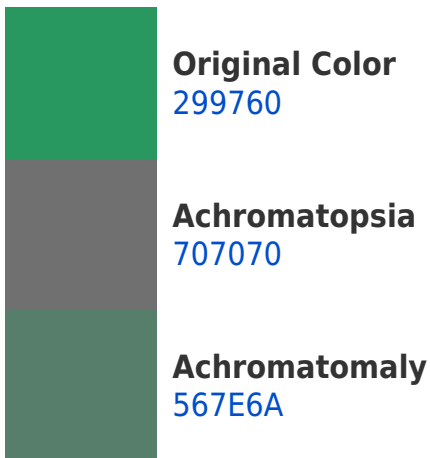


**Tritanopia**  
41909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 299760 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 #299760 looks like.

```
.text, #text, p{  
    color:#299760  
}
```

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 #299760 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #299760
}
```

## Border

The CSS property to change the border of an element to Hex 299760 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
#299760 }
```

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

```
.border{ border-color:#299760 }
```

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

Here you see how a box with a 4 pixel #299760 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #299760; -webkit-box-shadow:4px 4px  
4px 4px #299760; box-shadow:4px 4px 4px  
4px #299760 }
```

# Background

The CSS property to change the background color of an element to Hex 299760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#299760 }
```

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

```
.background{ background-color:#299760 }
```

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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