

Converting Colors

Hex(299676)

Have a look what the booklet for
Hex(299676) contains.

Hex(299676)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(299676)

Conversions

Conversions Part 1

Format	Color
Hex	299676
RGB	41, 150, 118
RGB Percent	16%, 59%, 46%
CMY	0.8392, 0.4118, 0.5373
CMYK	0.73, 0.00, 0.21, 0.41
HSL	162°, 57%, 37%
HSV	162°, 73%, 59%
XYZ	15.0908, 23.5921, 20.8979
YIQ	113.7610, -54.6920, -33.0600

Conversions

Conversions Part 2

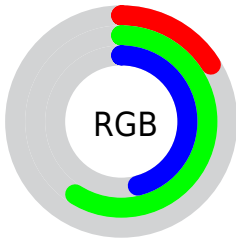
Format	Color
RYB	41, 105, 150
Decimal	2725494
CIELab	55.68, -38.21, 8.22
CIELCh	56, 39.081, 167.865
Yxy	23.5921, 0.2533, 0.3960
Android (android.graphics.Color)	4280915574 (0xFF299676)
YUV	113.7610, 2.0898, -63.8114
Hunter-Lab	48.5717, -29.5421, 8.4908

Details

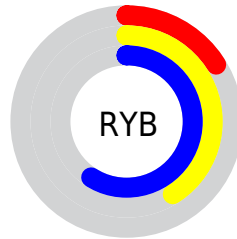
The Hex color **299676** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **962949**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **66CDAA**, and **006246** is the 20% darker color. If you saturate the color by 10%, you get **1A9672**, and if you desaturate by 10%, it is **38967A**.

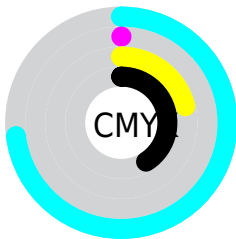
Distribution



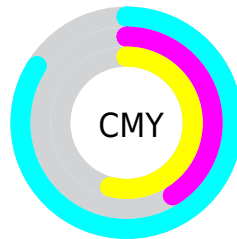
- Red (16%)
- Green (59%)
- Blue (46%)



- Red (16%)
- Yellow (41%)
- Blue (59%)



- Cyan (73%)
- Magenta (0%)
- Yellow (21%)
- Black (41%)



- Cyan (84%)
- Magenta (41%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 299676 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 299676 by changing the saturation by 10% instead.

 299676

 299676

FFFFFF

 007C5D

 66CDAA

 006246

 83E9C5

 004A2F

 9FFFE1

 00321A

 BCFFFE

 001C00

 D9FFFF

 000000

 F7FFFF

 299676

 299676

 1A9672

 38967A

■ 0B966D

■ 47967F

■ 00966A

■ 569683

■ 659688

■ 74968C

■ 839690

■ 929695

■ A19699

■ B0969E

Harmonies

Analogous

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



5F9256



299676



009799

Triad

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



299676



7382C6



BD7354

Complementary

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



299676



962949

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.



C66A72



299676



A275B3

Square

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



299676



278DC7



BE6B95



A67F42

Rectangle

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



299676



0095AE



BE6B95



C26F5D

Sweetspot

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



299676



97C2B5



4A9629



48615A



E0E0E0



616161

Same Dimension

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



299676



19C290



298096



434A48



008A61



000A07

Inverse Universe

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



962949



C2194B



963F29



4A4345



8A0028



0A0003

Previews

White Background



This preview shows how the Hex color 299676 looks on a white background.

Color Contrast Check

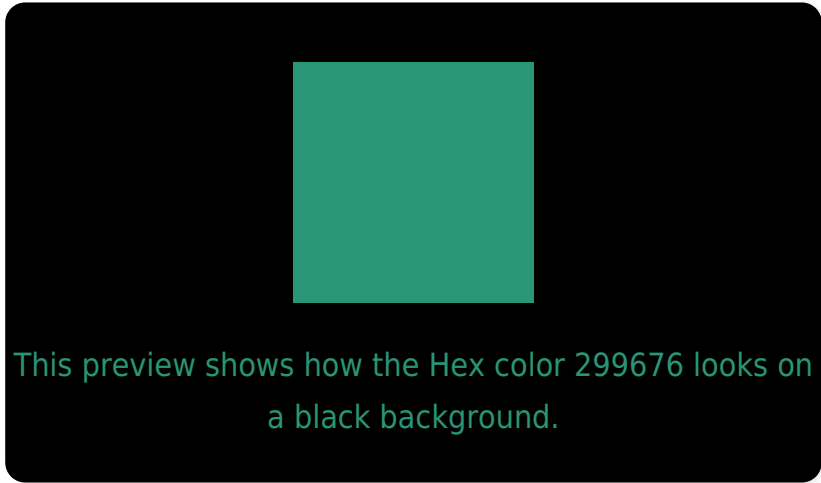
Large Text (above 18pt) WCAG AA ✓ Pass

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

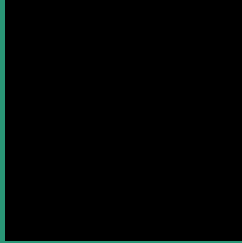
Any Text WCAG AA ✓ Pass

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 299676 Background



This preview shows how black text looks on a background with the Hex color 299676.

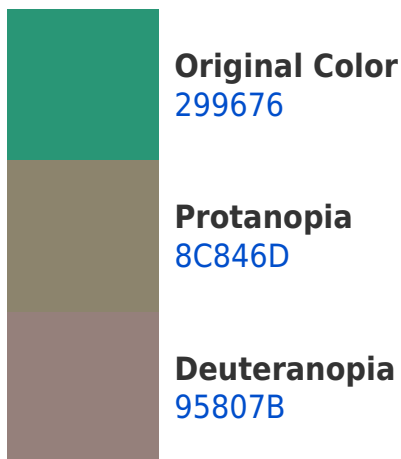


This preview shows how white text looks on a background with the Hex color 299676.

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
3C919D

Trichromacy



Original Color
299676



Protanomaly
688B70



Deuteranomaly
6E8879



Tritanomaly
35938F

Monochromacy



Original Color
299676



Achromatopsia
727272



Achromatomaly
577F73

CSS Examples

Text

The CSS property to change the color of the text to Hex 299676 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 #299676 looks like.

```
.text, #text, p{  
    color:#299676  
}
```

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 #299676 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #299676
}
```

Border

The CSS property to change the border of an element to Hex 299676 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
#299676 }
```

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

```
.border{ border-color:#299676 }
```

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

Here you see how a box with a 4 pixel #299676 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #299676; -webkit-box-shadow:4px 4px  
4px 4px #299676; box-shadow:4px 4px 4px  
4px #299676 }
```

Background

The CSS property to change the background color of an element to Hex 299676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#299676 }
```

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

```
.background{ background-color:#299676 }
```

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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