

Converting Colors

Hex(299195)

Have a look what the booklet for
Hex(299195) contains.

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Color

Hex(299195)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 299195 |
| RGB | 41, 145, 149 |
| RGB Percent | 16%, 57%, 58% |
| CMY | 0.8392, 0.4314, 0.4157 |
| CMYK | 0.72, 0.03, 0.00, 0.42 |
| HSL | 182°, 57%, 37% |
| HSV | 182°, 72%, 58% |
| XYZ | 16.4647, 22.8921, 31.9846 |
| YIQ | 114.3600, -63.2680, -20.8040 |

Conversions

Conversions Part 2

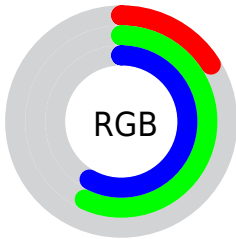
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 41, 94, 149 |
| Decimal | 2724245 |
| CIELab | 54.96, -27.14, -10.60 |
| CIELCh | 55, 29.140, 201.340 |
| Yxy | 22.8921, 0.2308, 0.3209 |
| Android (android.graphics.Color) | 4280914325 (0xFF299195) |
| YUV | 114.3600, 17.0775, -64.3367 |
| Hunter-Lab | 47.8457, -22.3046, -6.1430 |

Details

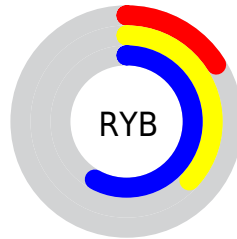
The Hex color **299195** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **952D29**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **68C7CB**, and **005E62** is the 20% darker color. If you saturate the color by 10%, you get **1A9095**, and if you desaturate by 10%, it is **389295**.

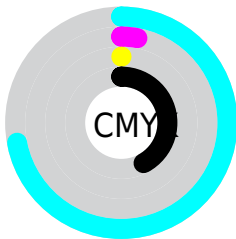
Distribution



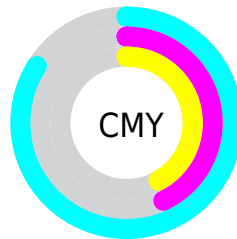
- Red (16%)
- Green (57%)
- Blue (58%)



- Red (16%)
- Yellow (37%)
- Blue (58%)



- Cyan (72%)
- Magenta (3%)
- Yellow (0%)
- Black (42%)



- Cyan (84%)
- Magenta (43%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 299195 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 299195 by changing the saturation by 10% instead.

■ 299195

■ 299195

FFFFFF

■ 00777B

■ 68C7CB

■ 005E62

■ 85E3E7

■ 00464B

■ A1FFFF

■ 002F34

■ BEFFFF

■ 001B1F

■ DCFFFF

■ 000005

■ FAFFFF

■ 000000

■ 299195

■ 299195

■ 1A9095

■ 389295

■ 0B9095

■ 479295

■ 008F95

■ 569395

■ 659395

■ 749495

■ 829495

■ 919595

■ A09595

■ AF9695

Harmonies

Analogous

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



46917B



299195



2E8EAA

Triad

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



299195



9C77A3



9B7F52

Complementary

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



299195



952D29

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.



AD775D



299195



B0718C

Square

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



299195



7C80B2



B57172



828854

Rectangle

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



299195



468BB3



B57172



A27D54

Sweetspot

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



299195



97C0C2



29952D



486061



E0E0E0



616161

Same Dimension

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



299195



19BCC2



295B95



434A4A



00858A



000A0A

Inverse Universe

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



952991



C219BC



956329



4A434A



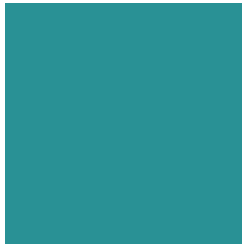
8A0085



0A000A

Previews

White Background



This preview shows how the Hex color 299195 looks on a white background.

Color Contrast Check

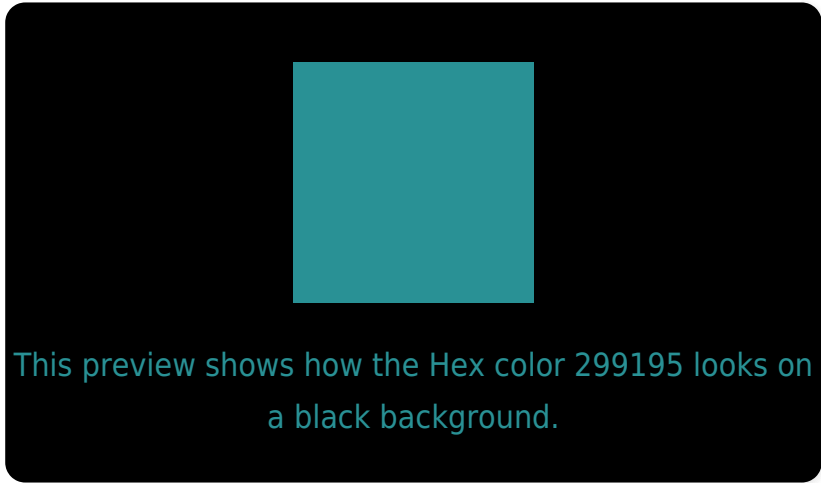
Large Text (above 18pt) WCAG AA ✓ Pass

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

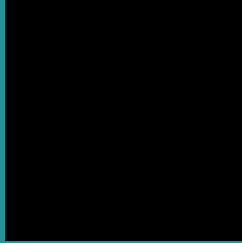
Any Text WCAG AA ✓ Pass

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 299195 Background



This preview shows how black text looks on a background with the Hex color 299195.

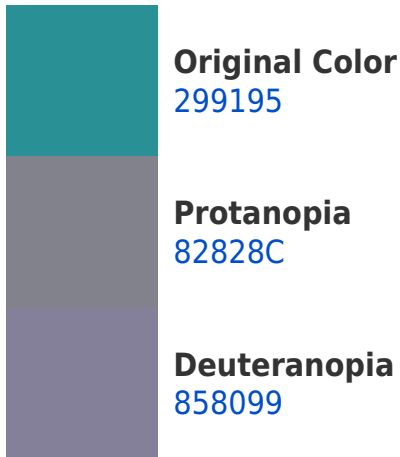


This preview shows how white text looks on a background with the Hex color 299195.

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
2D909C

Trichromacy



Original Color
299195



Protanomaly
62878F



Deuteranomaly
648698



Tritanomaly
2C9099

Monochromacy



Original Color
299195



Achromatopsia
727272



Achromatomaly
577D7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 299195 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 #299195 looks like.

```
.text, #text, p{  
    color:#299195  
}
```

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 #299195 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #299195  
}
```

Border

The CSS property to change the border of an element to Hex 299195 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  
#299195 }
```

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

```
.border{ border-color:#299195 }
```

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

Here you see how a box with a 4 pixel #299195 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #299195; -webkit-box-shadow:4px 4px  
4px 4px #299195; box-shadow:4px 4px 4px  
4px #299195 }
```

Background

The CSS property to change the background color of an element to Hex 299195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#299195 }
```

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

```
.background{ background-color:#299195 }
```

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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