

Converting Colors

Hex(0295A8)

Have a look what the booklet for
Hex(0295A8) contains.

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Color

Hex(0295A8)

Conversions

Conversions Part 1

Format	Color
Hex	0295A8
RGB	2, 149, 168
RGB Percent	1%, 58%, 66%
CMY	0.9922, 0.4157, 0.3412
CMYK	0.99, 0.11, 0.00, 0.34
HSL	187°, 98%, 33%
HSV	187°, 99%, 66%
XYZ	17.8404, 24.3350, 40.8026
YIQ	107.2130, -93.7110, -25.2550

Conversions

Conversions Part 2

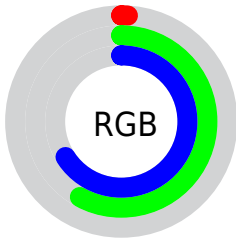
Format	Color
RYB	2, 80, 168
Decimal	169384
CIELab	56.42, -25.88, -19.33
CIElCh	56, 32.301, 216.750
Yxy	24.3350, 0.2150, 0.2933
Android (android.graphics.Color)	4278359464 (0xFF0295A8)
YUV	107.2130, 29.9680, -92.2718
Hunter-Lab	49.3305, -21.7738, -14.5091

Details

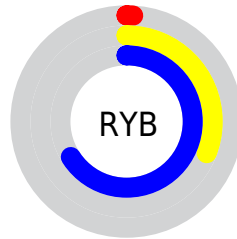
The Hex color **0295A8** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A81502**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **5DCBDF**, and **006274** is the 20% darker color. If you saturate the color by 10%, you get **0095A8**, and if you desaturate by 10%, it is **1397A8**.

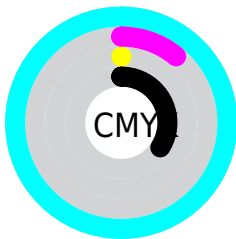
Distribution



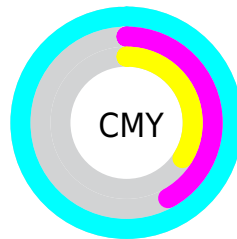
- Red (1%)
- Green (58%)
- Blue (66%)



- Red (1%)
- Yellow (31%)
- Blue (66%)



- Cyan (99%)
- Magenta (11%)
- Yellow (0%)
- Black (34%)




- Cyan (99%)
- Magenta (42%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0295A8 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 0295A8 by changing the saturation by 10% instead.

 0295A8

 0295A8

FFFFFF

 007B8E

 5DCBDF

 006274

 7CE8FC

 004A5B

 9AFFFF

 003244

 B8FFFF

 001F2D

 D6FFFF

 000119

 F4FFFF

 000000

 0295A8

 0295A8

 0095A8

 1397A8

 2499A8

 349BA8

 459DA8

 569FA8

 67A1A8

 78A2A8

 88A4A8

 99A6A8

Harmonies

Analogous

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



2A968D



0295A8



3690BA

Triad

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



0295A8



B0759E



94884F

Complementary

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



0295A8



A81502

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.



AC7E54



0295A8



BD7182

Square

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



0295A8



937EB4



BB7567



759059

Rectangle

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



0295A8



598BBF



BB7567



9D854F

Sweetspot

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



0295A8



9AD4DB



02A813



46696E



EDEDED



6E6E6E

Same Dimension

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



0295A8



00C2DB



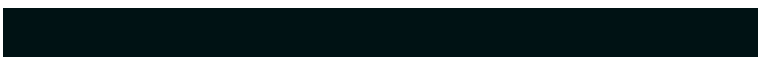
0244A8



4C5354



008394



001214

Inverse Universe

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



A80295



DB00C2



A86602



544C53



940083



140012

Previews

White Background



This preview shows how the Hex color 0295A8 looks on a white background.

Color Contrast Check

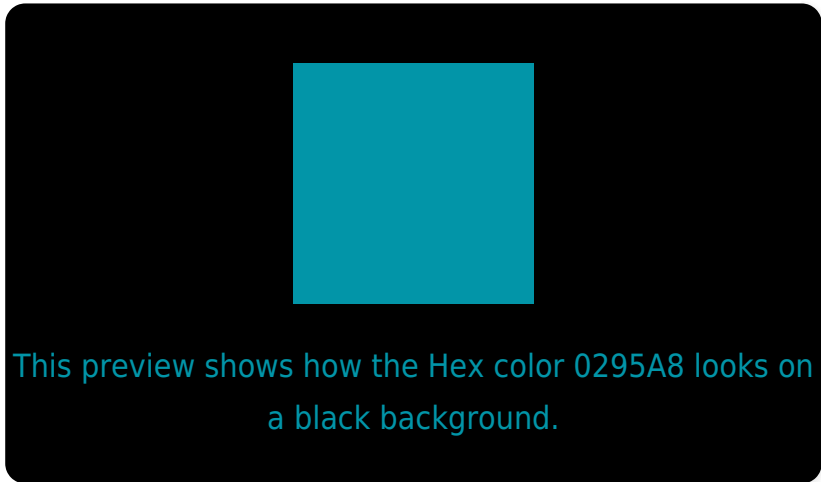
Large Text (above 18pt) WCAG AA ✓ Pass

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

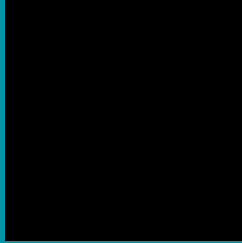
Any Text WCAG AA ✓ Pass

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 0295A8 Background



This preview shows how black text looks on a background with the Hex color 0295A8.

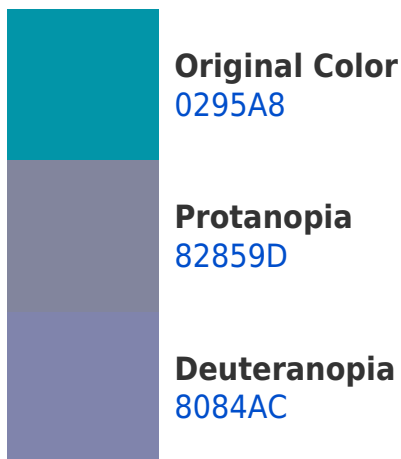


This preview shows how white text looks on a background with the Hex color 0295A8.

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](#).

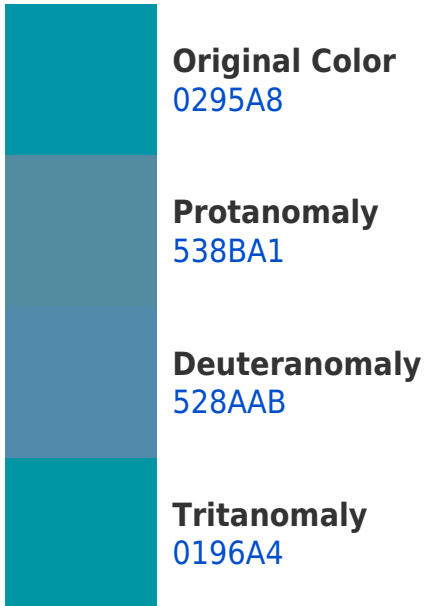
Dichromacy



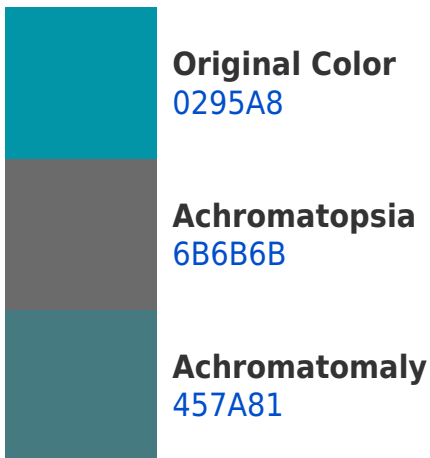


Tritanopia
0096A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0295A8 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 #0295A8 looks like.

```
.text, #text, p{  
    color:#0295A8  
}
```

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 #0295A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0295A8
}
```

Border

The CSS property to change the border of an element to Hex 0295A8 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
#0295A8 }
```

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

```
.border{ border-color:#0295A8 }
```

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

Here you see how a box with a 4 pixel #0295A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0295A8; -webkit-box-shadow:4px 4px  
4px 4px #0295A8; box-shadow:4px 4px 4px  
4px #0295A8 }
```

Background

The CSS property to change the background color of an element to Hex 0295A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0295A8 }
```

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

```
.background{ background-color:#0295A8 }
```

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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