

Converting Colors

Hex(298B83)

Have a look what the booklet for
Hex(298B83) contains.

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Color

Hex(298B83)

Conversions

Conversions Part 1

Format	Color
Hex	298B83
RGB	41, 139, 131
RGB Percent	16%, 55%, 51%
CMY	0.8392, 0.4549, 0.4863
CMYK	0.71, 0.00, 0.06, 0.45
HSL	175°, 54%, 35%
HSV	175°, 71%, 55%
XYZ	14.2438, 20.5753, 24.6934
YIQ	108.7860, -55.8400, -23.2640

Conversions

Conversions Part 2

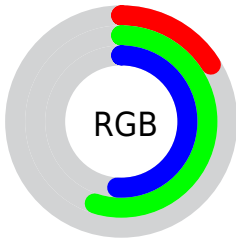
Format	Color
RYB	41, 92, 139
Decimal	2722691
CIELab	52.48, -29.60, -3.89
CIElCh	52, 29.852, 187.495
Yxy	20.5753, 0.2393, 0.3457
Android (android.graphics.Color)	4280912771 (0xFF298B83)
YUV	108.7860, 10.9515, -59.4483
Hunter-Lab	45.3601, -23.3282, -0.5247

Details

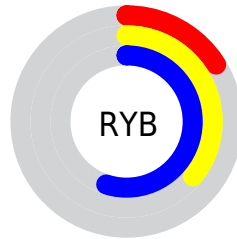
The Hex color **298B83** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8B2931**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **65C1B8**, and **005852** is the 20% darker color. If you saturate the color by 10%, you get **1B8B82**, and if you desaturate by 10%, it is **378B84**.

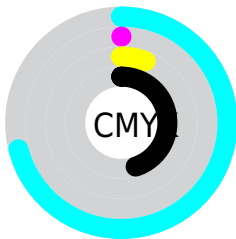
Distribution



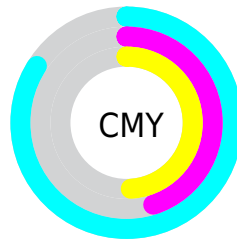
- Red (16%)
- Green (55%)
- Blue (51%)



- Red (16%)
- Yellow (36%)
- Blue (55%)



- Cyan (71%)
- Magenta (0%)
- Yellow (6%)
- Black (45%)



- Cyan (84%)
- Magenta (45%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 298B83 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 298B83 by changing the saturation by 10% instead.

 298B83

 298B83

FFFFFF

 00716A

 65C1B8

 005852

 81DDD4

 00403B

 9EFAF0

 002A25

 BAF0FF

 001011

 D8FFFF

 000000

 F5FFFF

 298B83

 298B83

 1B8B82

 378B84

0D8B81

458B85

008B80

538B86

618B88

6E8B89

7C8B8A

8A8B8B

988B8C

A68B8D

Harmonies

Analogous

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



4D8969



298B83



108A9C

Triad

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



298B83



8974A6



9E754E

Complementary

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



298B83



8B2931

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.



AC6D5F



298B83



A36C91

Square

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



298B83



637EB0



AF6978



887E4A

Rectangle

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



298B83



2787A8



AF6978



A47253

Sweetspot

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



298B83



8FB5B2



318B29



455C5A



DBDBDB



5C5C5C

Same Dimension

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



298B83



1BB5A8



29628B



3E4544



00857A



000505

Inverse Universe

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



8B2931



B51B28



8B5229



453E3F



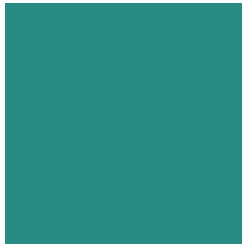
85000B



050000

Previews

White Background



This preview shows how the Hex color 298B83 looks on a white background.

Color Contrast Check

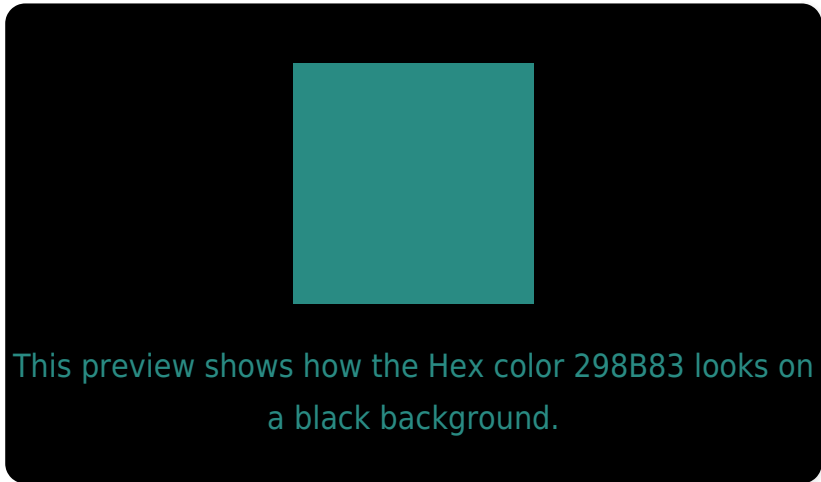
Large Text (above 18pt) WCAG AA ✓ Pass

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

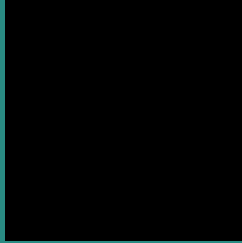
Any Text WCAG AA ✓ Pass

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 298B83 Background



This preview shows how black text looks on a background with the Hex color 298B83.

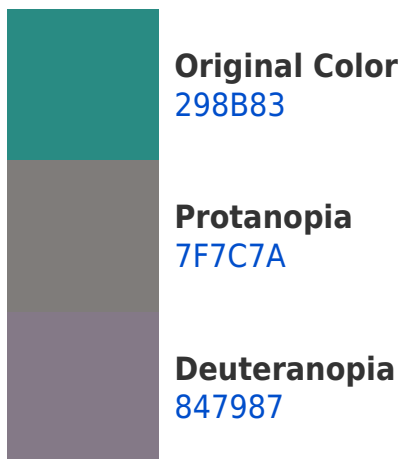


This preview shows how white text looks on a background with the Hex color 298B83.

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](#).

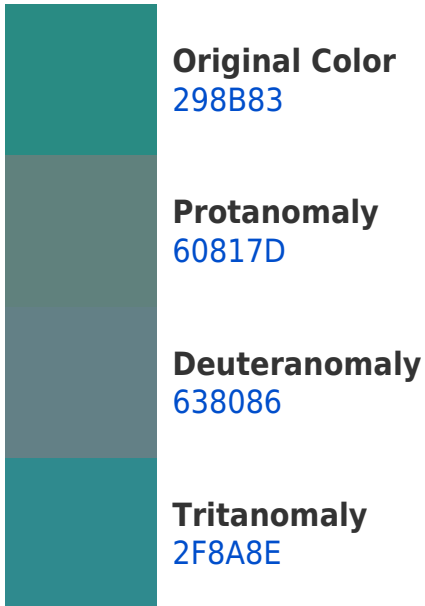
Dichromacy



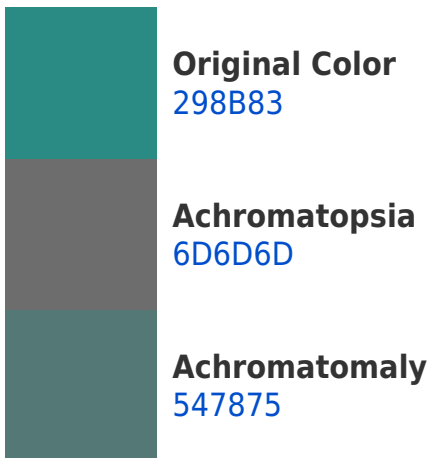


Tritanopia
328994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 298B83 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 #298B83 looks like.

```
.text, #text, p{  
    color:#298B83  
}
```

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 #298B83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #298B83
}
```

Border

The CSS property to change the border of an element to Hex 298B83 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
#298B83 }
```

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

```
.border{ border-color:#298B83 }
```

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

Here you see how a box with a 4 pixel #298B83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #298B83; -webkit-box-shadow:4px 4px  
4px 4px #298B83; box-shadow:4px 4px 4px  
4px #298B83 }
```

Background

The CSS property to change the background color of an element to Hex 298B83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#298B83 }
```

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

```
.background{ background-color:#298B83 }
```

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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