

Converting Colors

Hex(2698A3)

Have a look what the booklet for
Hex(2698A3) contains.

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Color

Hex(2698A3)

Conversions

Conversions Part 1

Format	Color
Hex	2698A3
RGB	38, 152, 163
RGB Percent	15%, 60%, 64%
CMY	0.8510, 0.4039, 0.3608
CMYK	0.77, 0.07, 0.00, 0.36
HSL	185°, 62%, 39%
HSV	185°, 77%, 64%
XYZ	18.6384, 25.5129, 38.5925
YIQ	119.1680, -71.4750, -20.7470

Conversions

Conversions Part 2

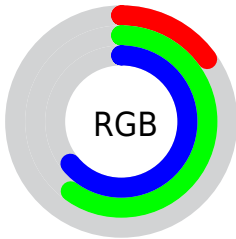
Format	Color
R_{YB}	38, 98, 163
Decimal	2529443
CIE _{Lab}	57.57, -26.63, -14.69
CIE _{LCh}	58, 30.416, 208.883
Yxy	25.5129, 0.2253, 0.3083
Android (android.graphics.Color)	4280719523 (0xFF2698A3)
YUV	119.1680, 21.6092, -71.1843
Hunter-Lab	50.5103, -22.5260, -9.9434

Details

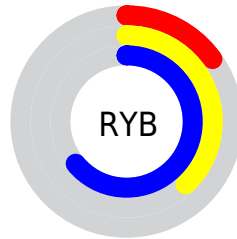
The Hex color **2698A3** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A33126**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **69CFDA**, and **00656F** is the 20% darker color. If you saturate the color by 10%, you get **1697A3**, and if you desaturate by 10%, it is **3699A3**.

Distribution



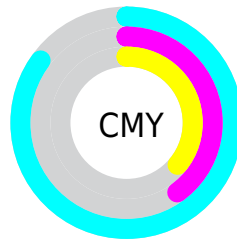
- Red (15%)
- Green (60%)
- Blue (64%)



- Red (15%)
- Yellow (38%)
- Blue (64%)



- Cyan (77%)
- Magenta (7%)
- Yellow (0%)
- Black (36%)



- Cyan (85%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2698A3 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 2698A3 by changing the saturation by 10% instead.

■ 2698A3

■ 2698A3

FFFFFF

■ 007E89

■ 69CFDA

■ 00656F

■ 86EBF6

■ 004C57

■ A3FFFF

■ 003540

■ C1FFFF

■ 00212A

■ DFFFFF

■ 000116

FDFFFF

■ 000000

■ 2698A3

■ 2698A3

■ 1697A3

■ 3699A3

0595A3

479BA3

0095A3

579CA3

679EA3

789FA3

88A1A3

98A2A3

A8A3A3

B9A5A3

Harmonies

Analogous

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



409988



2698A3



3894B7

Triad

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



2698A3



AB7BA6



9D8855

Complementary

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



2698A3



A33126

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.



B27F5E



2698A3



BC768C

Square

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



2698A3



8C84B9



BE7872



81905B

Rectangle

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



2698A3



5590BE



BE7872



A58556

Sweetspot

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



2698A3



A3CFD4



26A330



4D686B



EBEBEB



6B6B6B

Same Dimension

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



2698A3



11C3D4



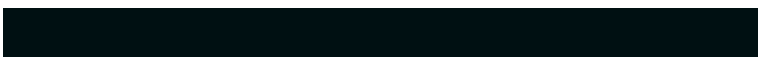
265AA3



495152



008591



001012

Inverse Universe

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



A32698



D411C3



A36F26



524951



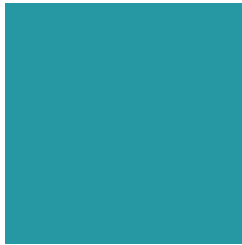
910085



120010

Previews

White Background



This preview shows how the Hex color 2698A3 looks on a white background.

Color Contrast Check

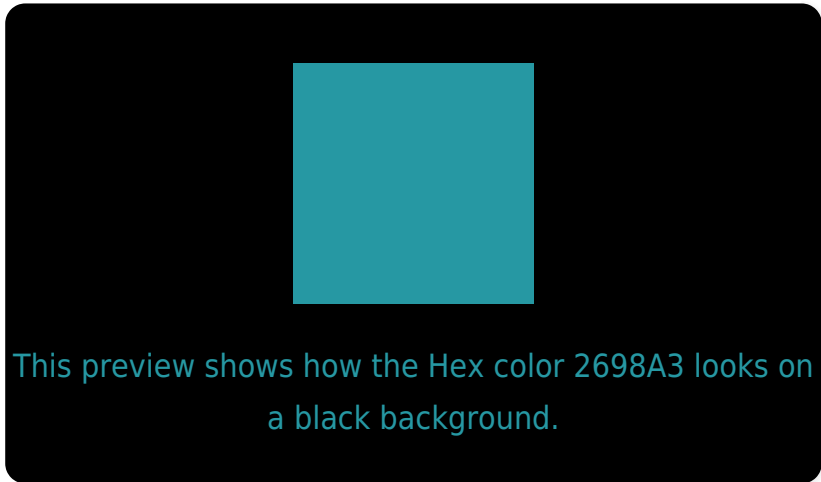
Large Text (above 18pt) WCAG AA ✓ Pass

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

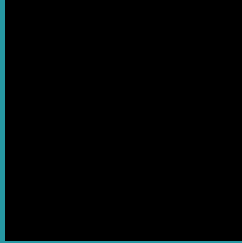
Any Text WCAG AA ✓ Pass

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 2698A3 Background



This preview shows how black text looks on a background with the Hex color 2698A3.

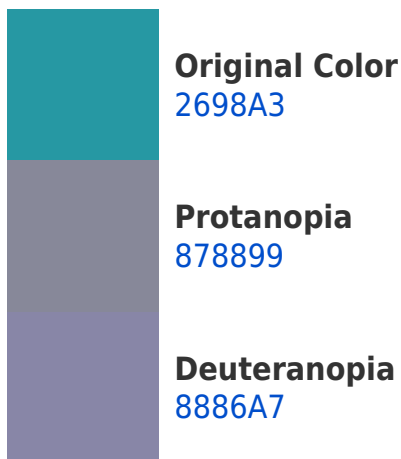


This preview shows how white text looks on a background with the Hex color 2698A3.

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](#).

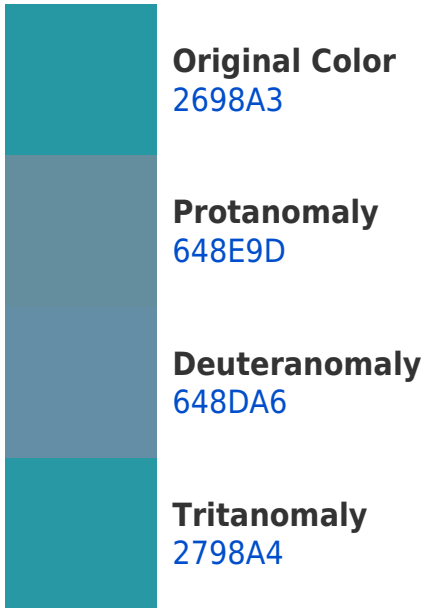
Dichromacy



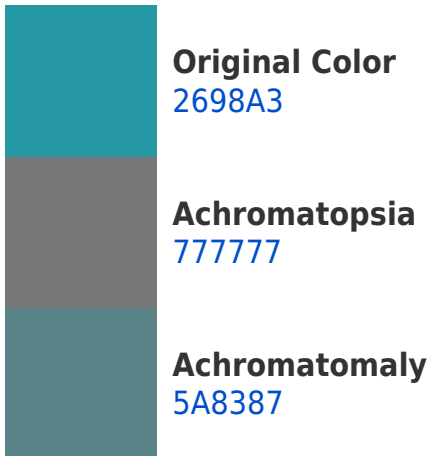


Tritanopia
2798A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2698A3 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 #2698A3 looks like.

```
.text, #text, p{  
    color:#2698A3  
}
```

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 #2698A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2698A3
}
```

Border

The CSS property to change the border of an element to Hex 2698A3 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
#2698A3 }
```

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

```
.border{ border-color:#2698A3 }
```

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

Here you see how a box with a 4 pixel #2698A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2698A3; -webkit-box-shadow:4px 4px  
4px 4px #2698A3; box-shadow:4px 4px 4px  
4px #2698A3 }
```

Background

The CSS property to change the background color of an element to Hex 2698A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2698A3 }
```

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

```
.background{ background-color:#2698A3 }
```

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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