

# Converting Colors

Hex(2598A3)

Have a look what the booklet for  
Hex(2598A3) contains.

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# Color

Hex(2598A3)

# Conversions

## Conversions Part 1

Format	Color
Hex	2598A3
RGB	37, 152, 163
RGB Percent	15%, 60%, 64%
CMY	0.8549, 0.4039, 0.3608
CMYK	0.77, 0.07, 0.00, 0.36
HSL	185°, 63%, 39%
HSV	185°, 77%, 64%
XYZ	18.6020, 25.4941, 38.5908
YIQ	118.8690, -72.0710, -20.9590

# Conversions

## Conversions Part 2

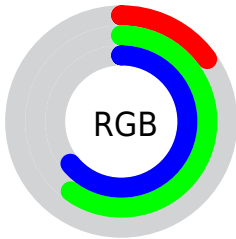
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 97, 163
Decimal	2463907
CIELab	57.55, -26.74, -14.72
CIElCh	58, 30.528, 208.830
Yxy	25.4941, 0.2250, 0.3083
Android (android.graphics.Color)	4280653987 (0xFF2598A3)
YUV	118.8690, 21.7566, -71.7991
Hunter-Lab	50.4917, -22.5979, -9.9711

# Details

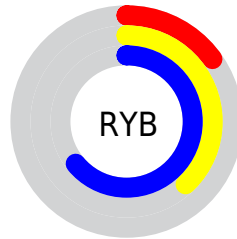
The Hex color **2598A3** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A33025**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **68CFDA**, and **00656F** is the 20% darker color. If you saturate the color by 10%, you get **1597A3**, and if you desaturate by 10%, it is **3599A3**.

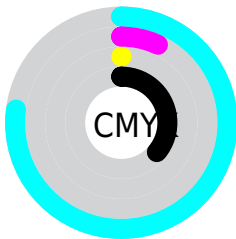
# Distribution



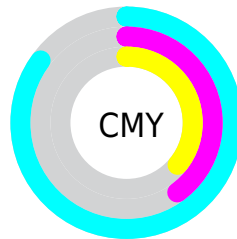
- Red (15%)
- Green (60%)
- Blue (64%)



- 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 2598A3 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 2598A3 by changing the saturation by 10% instead.



 2598A3

 2598A3

FFFFFF

 007E89

 68CFDA

 00656F

 86EBF6

 004C57

 A3FFFF

 003540

 C0FFFF

 00212A

 DEFFFF

 000116

 FCFFFF

 000000

 2598A3

 2598A3

 1597A3

 3599A3

0495A3

469BA3

0095A3

569CA3

669EA3

779FA3

87A1A3

97A2A3

A7A3A3

B8A5A3

# Harmonies

## Analogous

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



409988



2598A3



3894B7

# Triad

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



2598A3



AB7BA6



9D8855

# Complementary

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



2598A3



A33025

# 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.



B27F5D



2598A3



BC768C

# Square

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



2598A3



8C84B9



BE7872



81905B

# Rectangle

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



2598A3



5490BE



BE7872



A58556



# Sweetspot

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



2598A3



A3CFD4



25A32F



4D686B



EBEBEB



6B6B6B



# Same Dimension

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



2598A3



0FC2D4



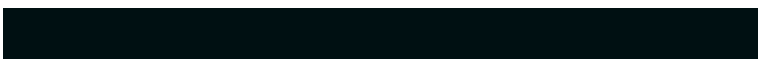
255AA3



495152



008591



001012



# Inverse Universe

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



A32598



D40FC2



A36F25



524951



910085

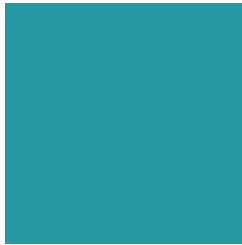


120010



# Previews

## White Background



This preview shows how the Hex color 2598A3 looks on a white background.

## Color Contrast Check

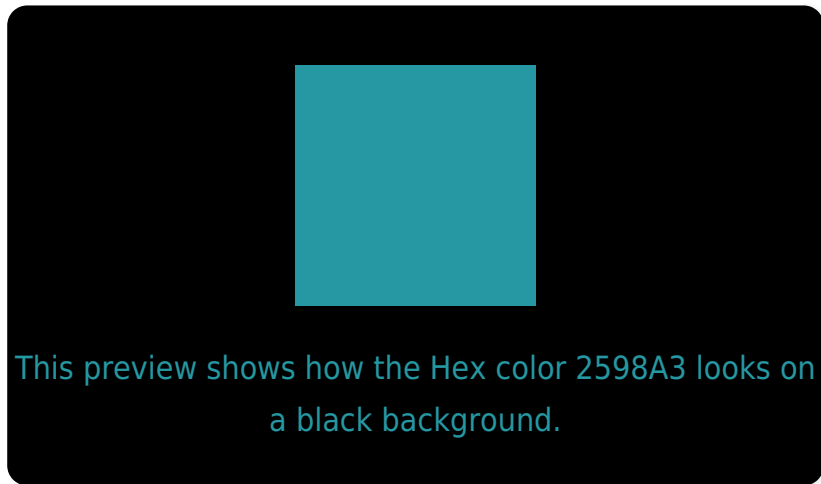
Large Text (above 18pt) WCAG AA ✓ Pass

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

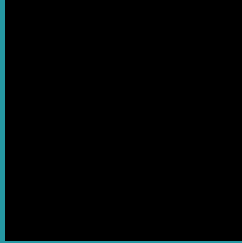
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2598A3 Background



This preview shows how black text looks on a background with the Hex color 2598A3.

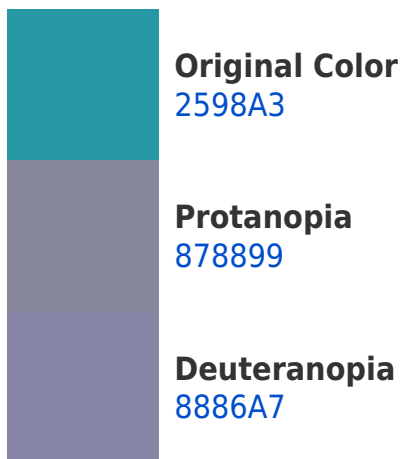


This preview shows how white text looks on a background with the Hex color 2598A3.

# 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**  
2698A4

# Trichromacy



**Original Color**  
2598A3



**Protanomaly**  
638E9D



**Deuteranomaly**  
648DA6



**Tritanomaly**  
2698A4

# Monochromacy



**Original Color**  
2598A3



**Achromatopsia**  
777777



**Achromatomaly**  
598387

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2598A3 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 #2598A3 looks like.

```
.text, #text, p{  
    color:#2598A3  
}
```

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 #2598A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2598A3
}
```

## Border

The CSS property to change the border of an element to Hex 2598A3 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
#2598A3 }
```

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

```
.border{ border-color:#2598A3 }
```

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

Here you see how a box with a 4 pixel #2598A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2598A3; -webkit-box-shadow:4px 4px  
4px 4px #2598A3; box-shadow:4px 4px 4px  
4px #2598A3 }
```

# Background

The CSS property to change the background color of an element to Hex 2598A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2598A3 }
```

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

```
.background{ background-color:#2598A3 }
```

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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