

Converting Colors

Hex(298BA3)

Have a look what the booklet for
Hex(298BA3) contains.

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Color

Hex(298BA3)

Conversions

Conversions Part 1

Format	Color
Hex	298BA3
RGB	41, 139, 163
RGB Percent	16%, 55%, 64%
CMY	0.8392, 0.4549, 0.3608
CMYK	0.75, 0.15, 0.00, 0.36
HSL	192°, 60%, 40%
HSV	192°, 75%, 64%
XYZ	16.7579, 21.5810, 37.9326
YIQ	112.4340, -66.1120, -13.3120

Conversions

Conversions Part 2

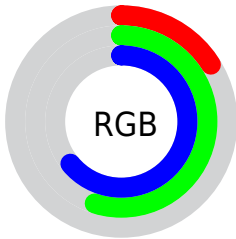
Format	Color
RYB	41, 95, 163
Decimal	2722723
CIELab	53.58, -19.54, -20.76
CIElCh	54, 28.514, 226.735
Yxy	21.5810, 0.2197, 0.2829
Android (android.graphics.Color)	4280912803 (0xFF298BA3)
YUV	112.4340, 24.9290, -62.6476
Hunter-Lab	46.4554, -16.9062, -15.8939

Details

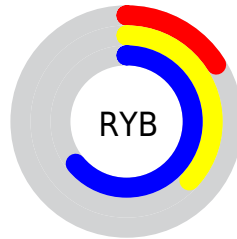
The Hex color **298BA3** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A34129**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **69C1DA**, and **00596F** is the 20% darker color. If you saturate the color by 10%, you get **1988A3**, and if you desaturate by 10%, it is **398EA3**.

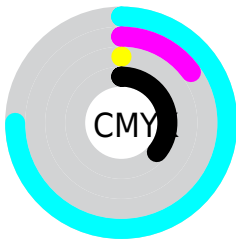
Distribution



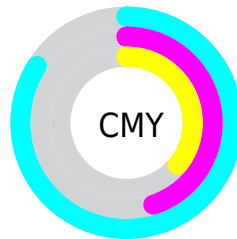
- Red (16%)
- Green (55%)
- Blue (64%)



- Red (16%)
- Yellow (37%)
- Blue (64%)



- Cyan (75%)
- Magenta (15%)
- Yellow (0%)
- Black (36%)



- Cyan (84%)
- Magenta (45%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 298BA3 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 298BA3 by changing the saturation by 10% instead.

 298BA3

 298BA3

FFFFFF

 007189

 69C1DA

 00596F

 86DDF6

 004157

 A3F9FF

 002B3F

 C0FFFF

 001729

 DEFFFF

 000114

 FCFFFF

 000000

 298BA3

 298BA3

 1988A3

 398EA3

0885A3

4A91A3

0083A3

5A95A3

6A98A3

7A9BA3

8B9EA3

9BA1A3

ABA5A3

BCA8A3

Harmonies

Analogous

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



2B8D8D



298BA3



4C86AF

Triad

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



298BA3



A96E8C



838350

Complementary

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



298BA3



A34129

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.



9A7B50



298BA3



B06E73

Square

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



298BA3



9475A2



AB735D



67895E

Rectangle

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



298BA3



6681B0



AB735D



8B804F

Sweetspot

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



298BA3



A5CAD4



29A33F



4F666B



EBEBEB



6B6B6B

Same Dimension

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



298BA3



15AED4



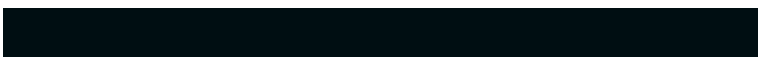
2950A3



495052



007591



000E12

Inverse Universe

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



A3298B



D415AE



A37C29



524950



910075



12000E

Previews

White Background



This preview shows how the Hex color 298BA3 looks on a white background.

Color Contrast Check

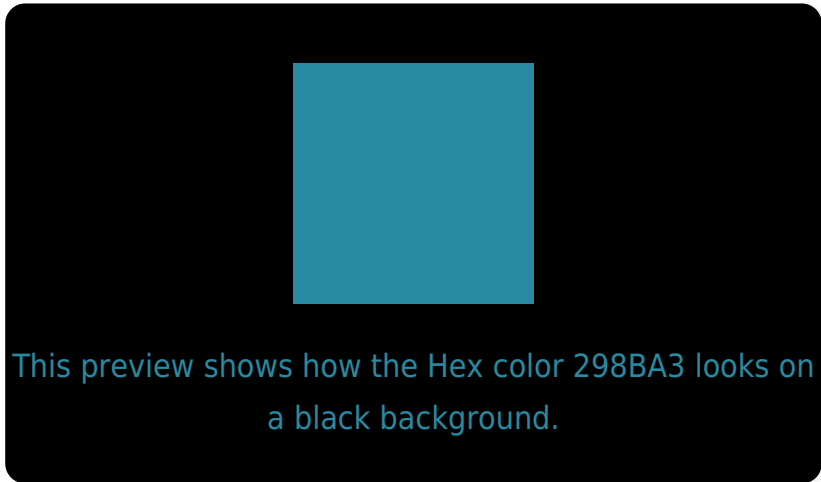
Large Text (above 18pt) WCAG AA ✓ Pass

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

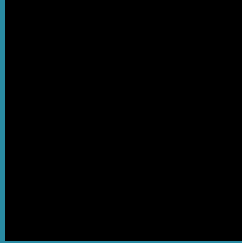
Any Text WCAG AA ✓ Pass

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 298BA3 Background



This preview shows how black text looks on a background with the Hex color 298BA3.

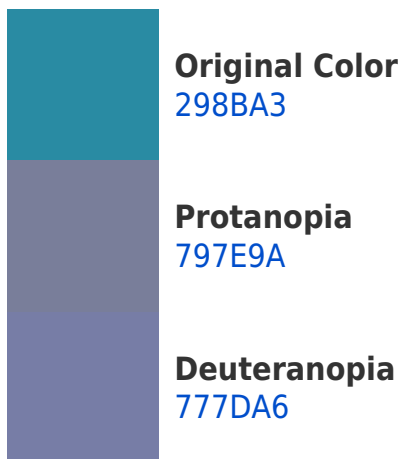


This preview shows how white text looks on a background with the Hex color 298BA3.

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](#).

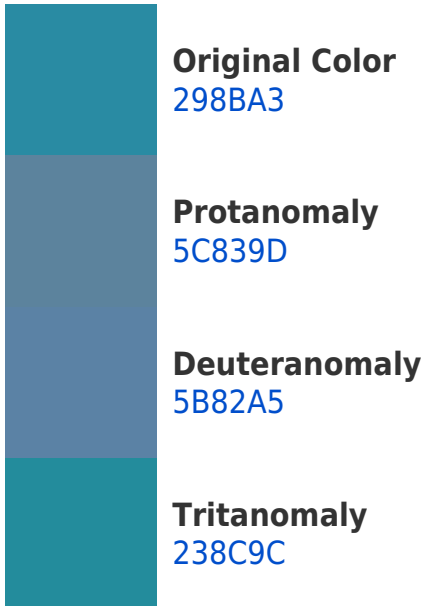
Dichromacy



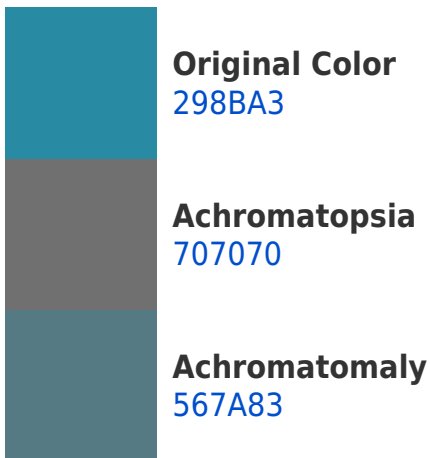


Tritanopia
208D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 298BA3 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 #298BA3 looks like.

```
.text, #text, p{  
    color:#298BA3  
}
```

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 #298BA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #298BA3
}
```

Border

The CSS property to change the border of an element to Hex 298BA3 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
#298BA3 }
```

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

```
.border{ border-color:#298BA3 }
```

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

Here you see how a box with a 4 pixel #298BA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #298BA3; -webkit-box-shadow:4px 4px  
4px 4px #298BA3; box-shadow:4px 4px 4px  
4px #298BA3 }
```

Background

The CSS property to change the background color of an element to Hex 298BA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#298BA3 }
```

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

```
.background{ background-color:#298BA3 }
```

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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