

Converting Colors

Hex(298AB3)

Have a look what the booklet for
Hex(298AB3) contains.

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Color

Hex(298AB3)

Conversions

Conversions Part 1

Format	Color
Hex	298AB3
RGB	41, 138, 179
RGB Percent	16%, 54%, 70%
CMY	0.8392, 0.4588, 0.2980
CMYK	0.77, 0.23, 0.00, 0.30
HSL	198°, 63%, 43%
HSV	198°, 77%, 70%
XYZ	18.1396, 21.9030, 45.9195
YIQ	113.6710, -70.9730, -7.8130

Conversions

Conversions Part 2

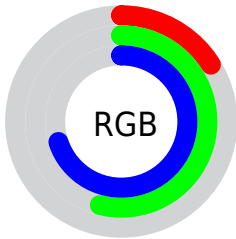
Format	Color
R _Y B	41, 98, 179
Decimal	2722483
CIE Lab	53.92, -13.52, -29.42
CIE LCh	54, 32.384, 245.315
Yxy	21.9030, 0.2110, 0.2548
Android (android.graphics.Color)	4280912563 (0xFF298AB3)
YUV	113.6710, 32.2072, -63.7325
Hunter-Lab	46.8007, -12.7159, -25.4131

Details

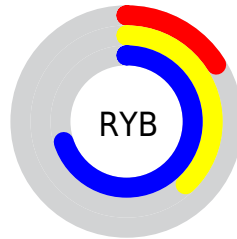
The Hex color **298AB3** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **B35229**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **6BBFEB**, and **00587E** is the 20% darker color. If you saturate the color by 10%, you get **1785B3**, and if you desaturate by 10%, it is **3B8FB3**.

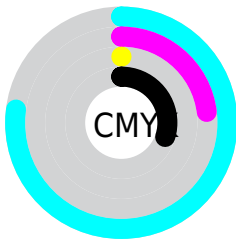
Distribution



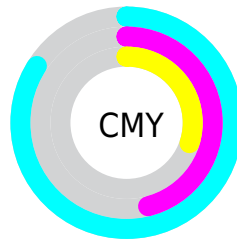
- Red (16%)
- Green (54%)
- Blue (70%)



- Red (16%)
- Yellow (38%)
- Blue (70%)



- Cyan (77%)
- Magenta (23%)
- Yellow (0%)
- Black (30%)



- Cyan (84%)
- Magenta (46%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 298AB3 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 298AB3 by changing the saturation by 10% instead.

 298AB3

 298AB3

FFFFFF

 007198

 6BBFEB

 00587E

 89DBFF

 004165

 A6F8FF

 002B4D

 C4FFFF

 001736

 E2FFFF

 000220

 000004

 000000

 298AB3

 298AB3

■ 1785B3

■ 3B8FB3

■ 057FB3

■ 4D95B3

■ 007EB3

■ 5F9AB3

■ 719FB3

■ 83A5B3

■ 94AAB3

■ A6AFB3

■ B8B5B3

■ CABAB3

Harmonies

Analogous

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



008FA0



298AB3



6082B8

Triad

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



298AB3



B66B7D



708952

Complementary

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



298AB3



B35229

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.



8E8148



298AB3



B56E62

Square

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



298AB3



A86F99



A6774F



4E8E69

Rectangle

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



298AB3



7E7BB3



A6774F



7B864D

Sweetspot

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



298AB3



B3D8E8



29B350



546C75



F5F5F5



757575

Same Dimension

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



298AB3



10A8E8



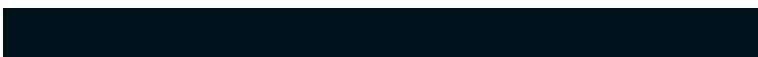
2947B3



505759



006C99



00121A

Inverse Universe

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



B3298A



E810A8



B39529



595057



99006C



1A0012

Previews

White Background



This preview shows how the Hex color 298AB3 looks on a white background.

Color Contrast Check

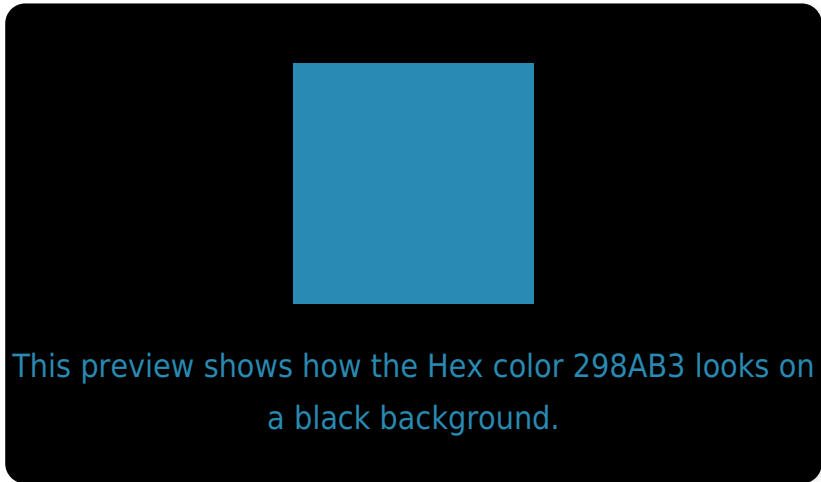
Large Text (above 18pt) WCAG AA ✓ Pass

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 298AB3 Background



This preview shows how black text looks on a background with the Hex color 298AB3.

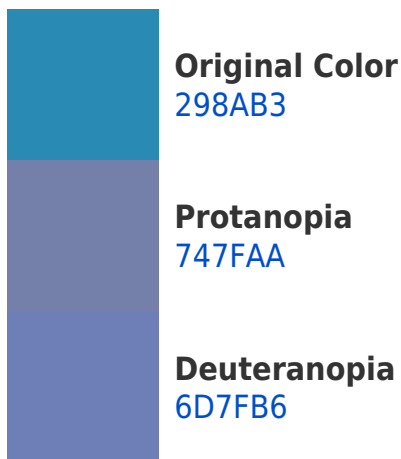


This preview shows how white text looks on a background with the Hex color 298AB3.

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
008E9A

Trichromacy



Original Color
298AB3

Protanomaly
5983AD

Deuteranomaly
5483B5

Tritanomaly
0F8DA3

Monochromacy



Original Color
298AB3

Achromatopsia
727272

Achromatomaly
577B8A

CSS Examples

Text

The CSS property to change the color of the text to Hex 298AB3 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 #298AB3 looks like.

```
.text, #text, p{  
    color:#298AB3  
}
```

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 #298AB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #298AB3
}
```

Border

The CSS property to change the border of an element to Hex 298AB3 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
#298AB3 }
```

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

```
.border{ border-color:#298AB3 }
```

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

Here you see how a box with a 4 pixel #298AB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #298AB3; -webkit-box-shadow:4px 4px  
4px 4px #298AB3; box-shadow:4px 4px 4px  
4px #298AB3 }
```

Background

The CSS property to change the background color of an element to Hex 298AB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#298AB3 }
```

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

```
.background{ background-color:#298AB3 }
```

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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