

Converting Colors

Hex(297DAE)

Have a look what the booklet for
Hex(297DAE) contains.

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Color

Hex(297DAE)

Conversions

Conversions Part 1

Format	Color
Hex	297DAE
RGB	41, 125, 174
RGB Percent	16%, 49%, 68%
CMY	0.8392, 0.5098, 0.3176
CMYK	0.76, 0.28, 0.00, 0.32
HSL	202°, 62%, 42%
HSV	202°, 76%, 68%
XYZ	15.8880, 18.1946, 42.7189
YIQ	105.4700, -65.7930, -2.5690

Conversions

Conversions Part 2

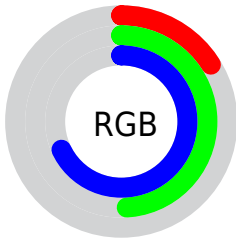
Format	Color
RYB	41, 92, 174
Decimal	2719150
CIELab	49.73, -7.89, -33.08
CIElCh	50, 34.013, 256.582
Yxy	18.1946, 0.2069, 0.2369
Android (android.graphics.Color)	4280909230 (0xFF297DAE)
YUV	105.4700, 33.7853, -56.5402
Hunter-Lab	42.6552, -8.1595, -29.5200

Details

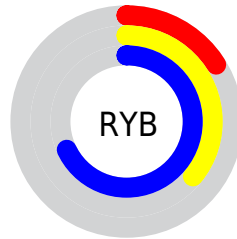
The Hex color **297DAE** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **AE5A29**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **6AB1E6**, and **004C79** is the 20% darker color. If you saturate the color by 10%, you get **1877AE**, and if you desaturate by 10%, it is **3A83AE**.

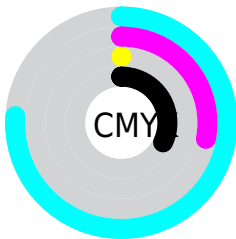
Distribution



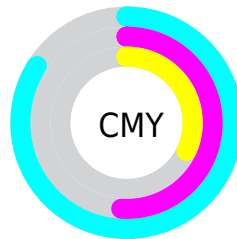
- Red (16%)
- Green (49%)
- Blue (68%)



- Red (16%)
- Yellow (36%)
- Blue (68%)



- Cyan (76%)
- Magenta (28%)
- Yellow (0%)
- Black (32%)



- Cyan (84%)
- Magenta (51%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 297DAE 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 297DAE by changing the saturation by 10% instead.

■ 297DAE

■ 297DAE

FFFFFF

■ 006493

■ 6AB1E6

■ 004C79

■ 87CDFF

■ 003660

■ A4E9FF

■ 002148

■ C1FFFF

■ 000432

■ DFFFFF

■ 00011C

FDFFFF

■ 000000

■ 297DAE

■ 297DAE

■ 1877AE

■ 3A83AE

0670AE

4C8AAE

006EAE

5D90AE

6F97AE

809DAE

91A3AE

A3AAAE

B4B0AE

C6B7AE

Harmonies

Analogous

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



00839F



297DAE



6574AE

Triad

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



297DAE



AE5F67



58814D

Complementary

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



297DAE



AE5A29

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.



787A3D



297DAE



A7664E

Square

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



297DAE



A66084



93703E



2E8468

Rectangle

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



297DAE



816CA5



93703E



637F47

Sweetspot

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



297DAE



AFD0E3



29AE5A



536773



F2F2F2



737373

Same Dimension

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



297DAE



1296E3



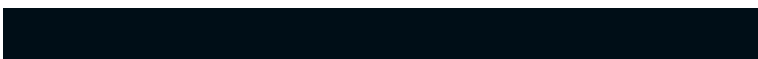
293BAE



4E5457



005F96



000E17

Inverse Universe

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



AE297D



E31296



AE9C29



574E54



96005F



17000E

Previews

White Background



This preview shows how the Hex color 297DAE looks on a white background.

Color Contrast Check

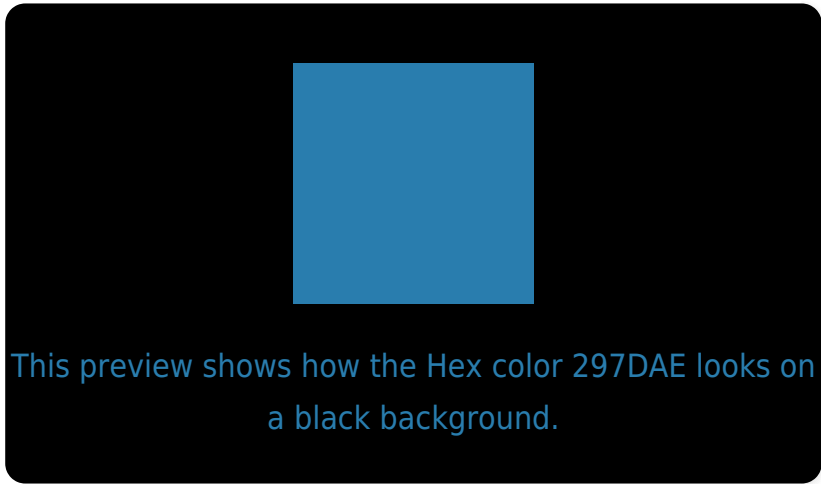
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

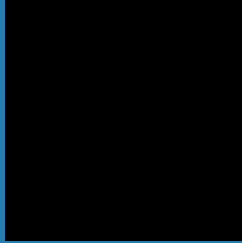
Any Text WCAG AA ✓ Pass

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 297DAE Background



This preview shows how black text looks on a background with the Hex color 297DAE.

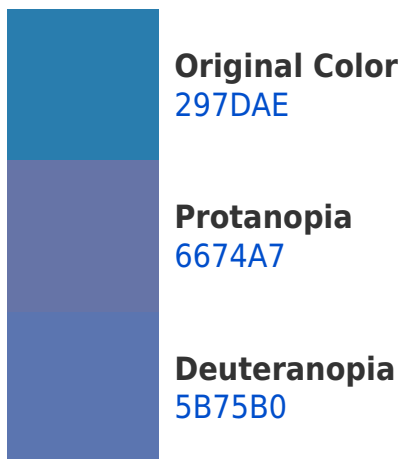


This preview shows how white text looks on a background with the Hex color 297DAE.

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](#).

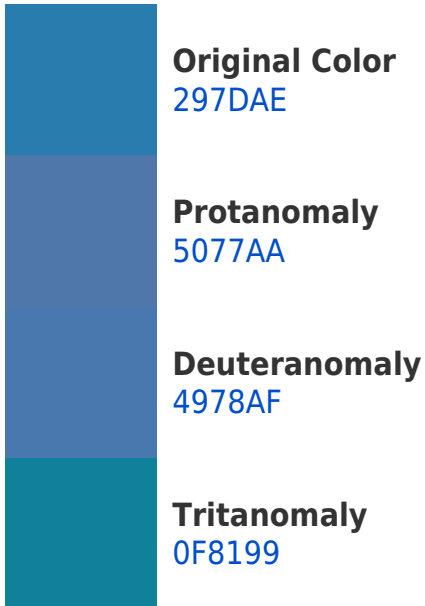
Dichromacy





Tritanopia
00838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 297DAE 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 #297DAE looks like.

```
.text, #text, p{  
    color:#297DAE  
}
```

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 #297DAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #297DAE
}
```

Border

The CSS property to change the border of an element to Hex 297DAE 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
#297DAE }
```

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

```
.border{ border-color:#297DAE }
```

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

Here you see how a box with a 4 pixel #297DAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #297DAE; -webkit-box-shadow:4px 4px  
4px 4px #297DAE; box-shadow:4px 4px 4px  
4px #297DAE }
```

Background

The CSS property to change the background color of an element to Hex 297DAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#297DAE }
```

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

```
.background{ background-color:#297DAE }
```

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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