

Converting Colors

Hex(297AA3)

Have a look what the booklet for
Hex(297AA3) contains.

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Color

Hex(297AA3)

Conversions

Conversions Part 1

Format	Color
Hex	297AA3
RGB	41, 122, 163
RGB Percent	16%, 48%, 64%
CMY	0.8392, 0.5216, 0.3608
CMYK	0.75, 0.25, 0.00, 0.36
HSL	200°, 60%, 40%
HSV	200°, 75%, 64%
XYZ	14.4848, 17.0348, 37.1749
YIQ	102.4550, -61.4370, -4.4210

Conversions

Conversions Part 2

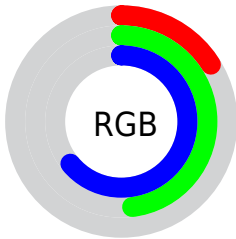
Format	Color
R_{YB}	41, 90, 163
Decimal	2718371
CIE _{Lab}	48.30, -10.10, -28.92
CIE _{LCh}	48, 30.629, 250.747
Yxy	17.0348, 0.2109, 0.2480
Android (android.graphics.Color)	4280908451 (0xFF297AA3)
YUV	102.4550, 29.8487, -53.8960
Hunter-Lab	41.2733, -9.5837, -24.5114

Details

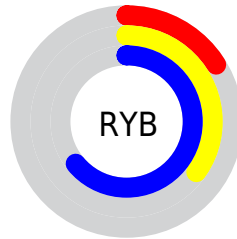
The Hex color **297AA3** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A35229**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **68AEDA**, and **00496F** is the 20% darker color. If you saturate the color by 10%, you get **1975A3**, and if you desaturate by 10%, it is **397FA3**.

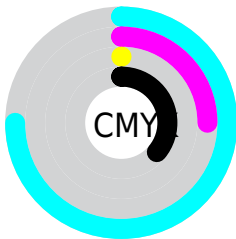
Distribution



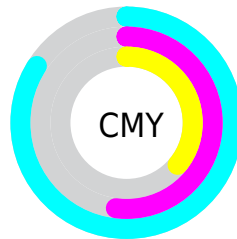
- Red (16%)
- Green (48%)
- Blue (64%)



- Red (16%)
- Yellow (35%)
- Blue (64%)



- Cyan (75%)
- Magenta (25%)
- Yellow (0%)
- Black (36%)



- Cyan (84%)
- Magenta (52%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 297AA3 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 297AA3 by changing the saturation by 10% instead.

■ 297AA3

■ 297AA3

FFFFFF

■ 006189

■ 68AEDA

■ 00496F

■ 84CAF7

■ 003356

■ A1E6FF

■ 001E3F

■ BEFFFF

■ 000329

■ DBFFFF

■ 000113

■ F9FFFF

■ 000000

■ 297AA3

■ 297AA3

■ 1975A3

■ 397FA3

086FA3

4A85A3

006CA3

5A8AA3

6A90A3

7A95A3

8B9BA3

9BA0A3

ABA6A3

BCABA3

Harmonies

Analogous

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



007F94



297AA3



5C72A5

Triad

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



297AA3



A55E6A



5E7B4A

Complementary

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



297AA3



A35229

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.



7A743F



297AA3



A16352

Square

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



297AA3



9A6184



916B42



3C7F61

Rectangle

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



297AA3



766C9F



916B42



687945

Sweetspot

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



297AA3



A5C4D4



29A352



4F626B



EBEBEB



6B6B6B

Same Dimension

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



297AA3



1594D4



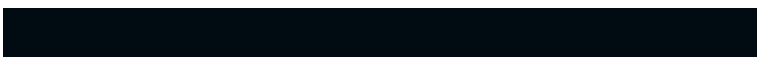
293DA3



494F52



006191



000C12

Inverse Universe

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



A3297A



D41594



A38F29



52494F



910061



12000C

Previews

White Background



This preview shows how the Hex color 297AA3 looks on a white background.

Color Contrast Check

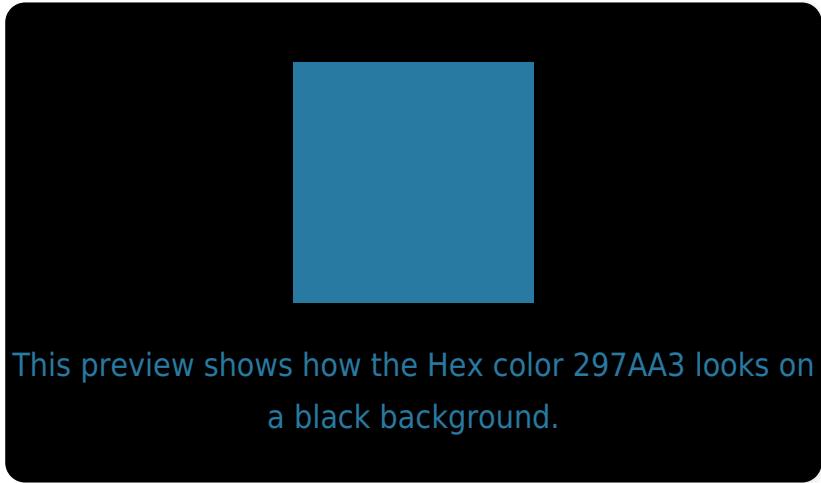
Large Text (above 18pt) WCAG AA ✓ Pass

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

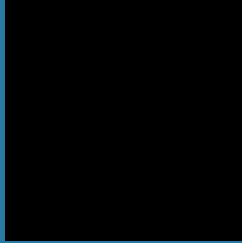
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 297AA3 Background



This preview shows how black text looks on a background with the Hex color 297AA3.

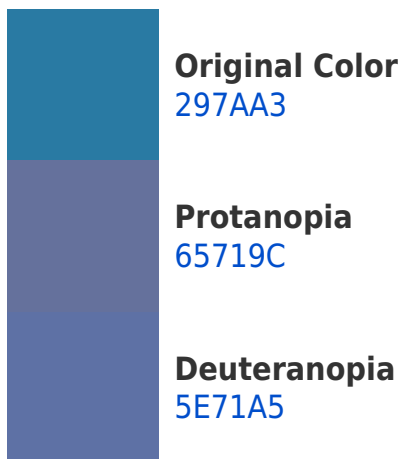


This preview shows how white text looks on a background with the Hex color 297AA3.

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](#).

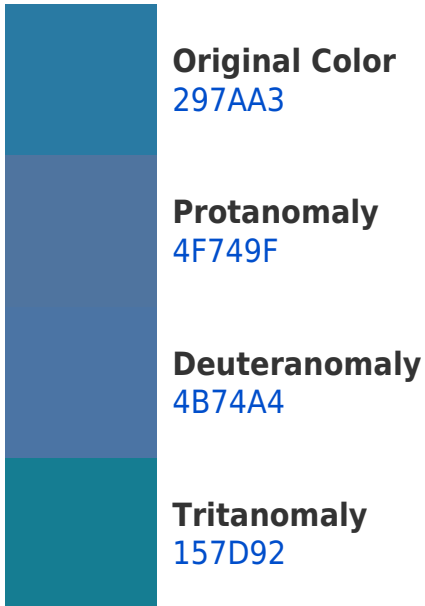
Dichromacy





Tritanopia
097F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 297AA3 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 #297AA3 looks like.

```
.text, #text, p{  
    color:#297AA3  
}
```

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 #297AA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #297AA3
}
```

Border

The CSS property to change the border of an element to Hex 297AA3 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
#297AA3 }
```

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

```
.border{ border-color:#297AA3 }
```

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

Here you see how a box with a 4 pixel #297AA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #297AA3; -webkit-box-shadow:4px 4px  
4px 4px #297AA3; box-shadow:4px 4px 4px  
4px #297AA3 }
```

Background

The CSS property to change the background color of an element to Hex 297AA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#297AA3 }
```

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

```
.background{ background-color:#297AA3 }
```

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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