

Converting Colors

Hex(2983A0)

Have a look what the booklet for
Hex(2983A0) contains.

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Color

Hex(2983A0)

Conversions

Conversions Part 1

Format	Color
Hex	2983A0
RGB	41, 131, 160
RGB Percent	16%, 51%, 63%
CMY	0.8392, 0.4863, 0.3725
CMYK	0.74, 0.18, 0.00, 0.37
HSL	195°, 59%, 39%
HSV	195°, 74%, 63%
XYZ	15.3759, 19.2421, 36.1614
YIQ	107.3960, -62.9490, -10.0610

Conversions

Conversions Part 2

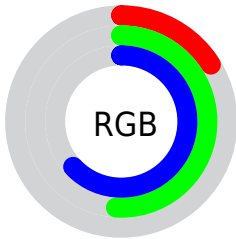
Format	Color
RYB	41, 92, 160
Decimal	2720672
CIELab	50.97, -16.22, -23.04
CIELCh	51, 28.176, 234.852
Yxy	19.2421, 0.2172, 0.2719
Android (android.graphics.Color)	4280910752 (0xFF2983A0)
YUV	107.3960, 25.9338, -58.2293
Hunter-Lab	43.8658, -14.1970, -18.1705

Details

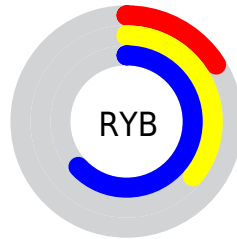
The Hex color **2983A0** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **A04629**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **68B8D7**, and **00516C** is the 20% darker color. If you saturate the color by 10%, you get **197FA0**, and if you desaturate by 10%, it is **3987A0**.

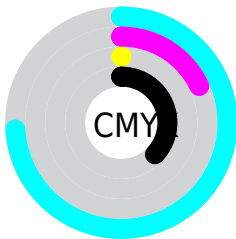
Distribution



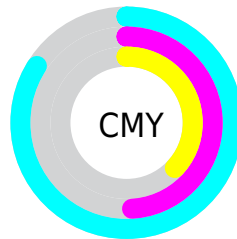
- Red (16%)
- Green (51%)
- Blue (63%)



- Red (16%)
- Yellow (36%)
- Blue (63%)



- Cyan (74%)
- Magenta (18%)
- Yellow (0%)
- Black (37%)



- Cyan (84%)
- Magenta (49%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2983A0 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 2983A0 by changing the saturation by 10% instead.

■ 2983A0

■ 2983A0

FFFFFF

■ 006A86

■ 68B8D7

■ 00516C

■ 85D4F3

■ 003A54

■ A1F0FF

■ 00253D

■ BEFFFF

■ 000927

■ DCFFFF

■ 000111

■ FAFFFF

■ 000000

■ 2983A0

■ 2983A0

■ 197FA0

■ 3987A0

097BA0

498BA0

0079A0

598FA0

6993A0

7996A0

899AA0

999EA0

A9A2A0

B9A6A0

Harmonies

Analogous

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



1E868D



2983A0



507DA9

Triad

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



2983A0



A5677F



757E4D

Complementary

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



2983A0



A04629

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.



8D7649



2983A0



A86866

Square

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



2983A0



946C95



9F6E53



59835D

Rectangle

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



2983A0



6A78A8



9F6E53



7E7C4A

Sweetspot

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



2983A0



A3C6D1



29A045



4D6269



E8E8E8



696969

Same Dimension

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



2983A0



17A4D1



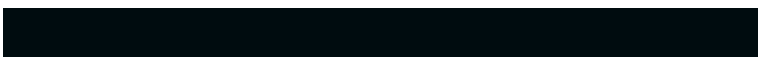
2949A0



474D4F



006C8F



000C0F

Inverse Universe

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



A02983



D117A4



A08029



4F474D



8F006C



0F000C

Previews

White Background



This preview shows how the Hex color 2983A0 looks on a white background.

Color Contrast Check

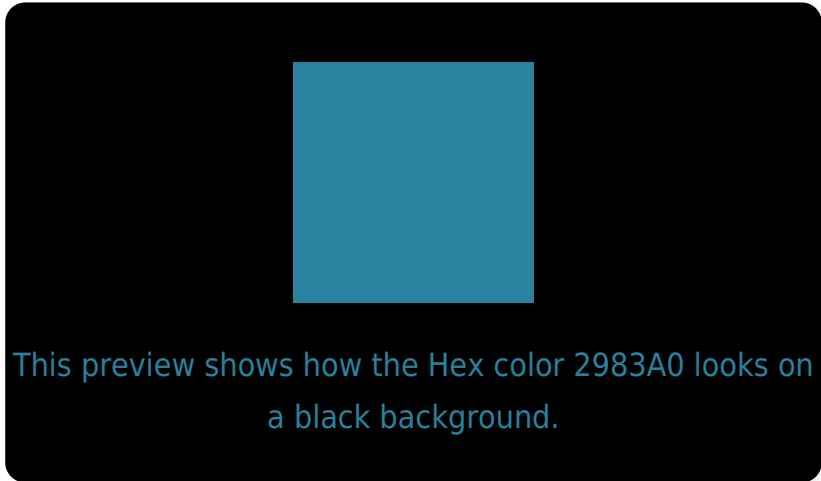
Large Text (above 18pt) WCAG AA ✓ Pass

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

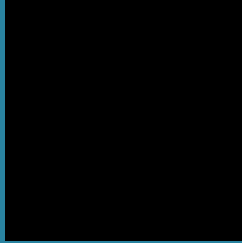
Any Text WCAG AA ✓ Pass

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 2983A0 Background



This preview shows how black text looks on a background with the Hex color 2983A0.

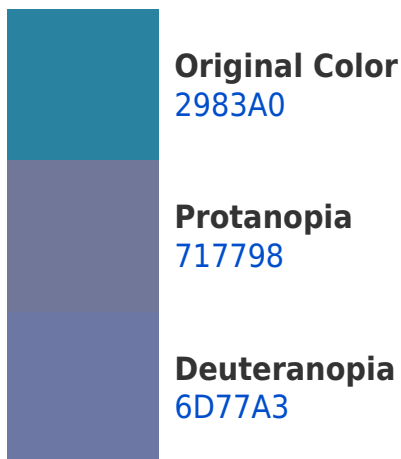


This preview shows how white text looks on a background with the Hex color 2983A0.

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](#).

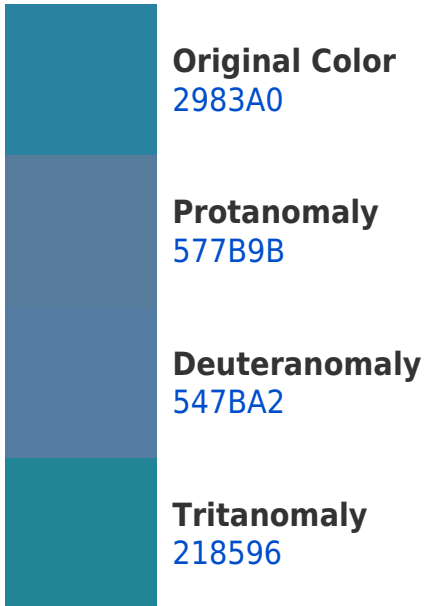
Dichromacy





Tritanopia
1C8691

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2983A0 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 #2983A0 looks like.

```
.text, #text, p{  
    color:#2983A0  
}
```

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 #2983A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2983A0
}
```

Border

The CSS property to change the border of an element to Hex 2983A0 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
#2983A0 }
```

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

```
.border{ border-color:#2983A0 }
```

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

Here you see how a box with a 4 pixel #2983A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2983A0; -webkit-box-shadow:4px 4px  
4px 4px #2983A0; box-shadow:4px 4px 4px  
4px #2983A0 }
```

Background

The CSS property to change the background color of an element to Hex 2983A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2983A0 }
```

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

```
.background{ background-color:#2983A0 }
```

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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