

# Converting Colors

Hex(2893B7)

Have a look what the booklet for  
Hex(2893B7) contains.

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# Color

Hex(2893B7)

# Conversions

## Conversions Part 1

Format	Color
Hex	2893B7
RGB	40, 147, 183
RGB Percent	16%, 58%, 72%
CMY	0.8431, 0.4235, 0.2824
CMYK	0.78, 0.20, 0.00, 0.28
HSL	195°, 64%, 44%
HSV	195°, 78%, 72%
XYZ	19.8560, 24.7375, 48.5280
YIQ	119.1110, -75.3280, -11.4880

# Conversions

## Conversions Part 2

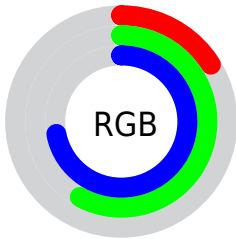
<b>Format</b>	<b>Color</b>
<b>RYB</b>	40, 101, 183
Decimal	2659255
CIELab	56.82, -17.19, -27.22
CIELCh	57, 32.197, 237.722
Yxy	24.7375, 0.2132, 0.2656
Android (android.graphics.Color)	4280849335 (0xFF2893B7)
YUV	119.1110, 31.4973, -69.3803
Hunter-Lab	49.7368, -15.7781, -23.0334

# Details

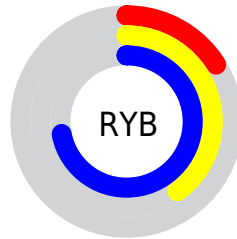
The Hex color **2893B7** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B74C28**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **6CC9EF**, and **006082** is the 20% darker color. If you saturate the color by 10%, you get **168EB7**, and if you desaturate by 10%, it is **3A98B7**.

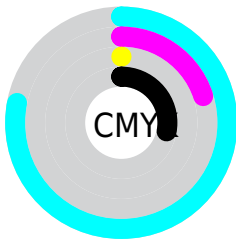
# Distribution



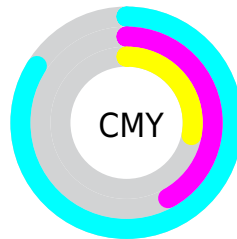
- Red (16%)
- Green (58%)
- Blue (72%)



- Red (16%)
- Yellow (40%)
- Blue (72%)



- Cyan (78%)
- Magenta (20%)
- Yellow (0%)
- Black (28%)



- Cyan (84%)
- Magenta (42%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2893B7 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 2893B7 by changing the saturation by 10% instead.



 2893B7

 2893B7

FFFFFF

 00799C

 6CC9EF

 006082

 8AE5FF

 004869

 A8FFFF

 003250

 C5FFFF

 001E39

 E3FFFF

 000224

 00000B

 000000

 2893B7

 2893B7

■ 168EB7

■ 3A98B7

■ 038AB7

■ 4D9CB7

■ 0089B7

■ 5FA1B7

■ 71A5B7

■ 84AAB7

■ 96AFB7

■ A8B3B7

■ BAB8B7

■ CDBC B7

# Harmonies

## Analogous

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



0D97A1



2893B7



5C8CC0

# Triad

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



2893B7



BC738C



808E56

# Complementary

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



2893B7



B74C28

# 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.



9D8650



2893B7



BE7470

# Square

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



2893B7



AA78A7



B37C5A



5F9469

# Rectangle

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



2893B7



7B85BE



B37C5A



8A8C52



# Sweetspot

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



2893B7



B7DFED



28B74C



566F78



F7F7F7



787878



# Same Dimension

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



2893B7



0EB5ED



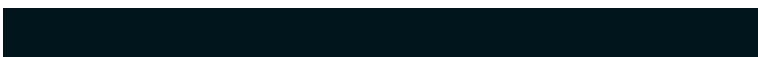
284CB7



53595C



00749C



00151C



# Inverse Universe

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



B72893



ED0EB5



B79328



5C5359



9C0074



1C0015



# Previews

## White Background



This preview shows how the Hex color 2893B7 looks on a white background.

## Color Contrast Check

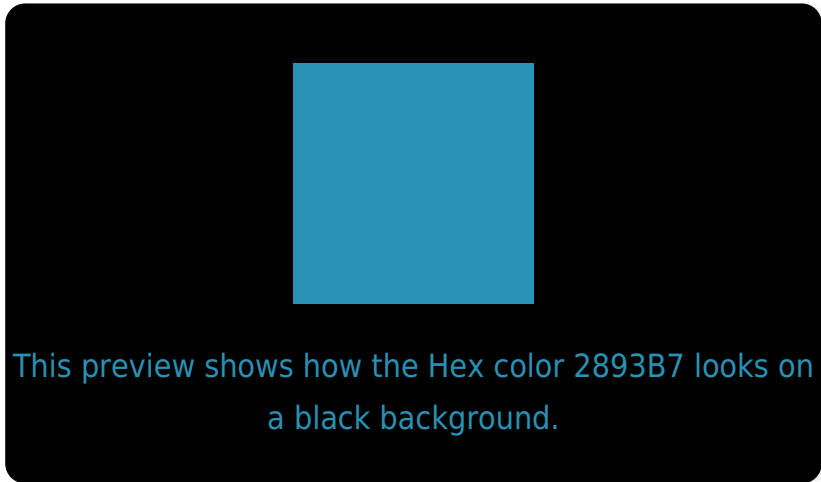
Large Text (above 18pt) WCAG AA ✓ Pass

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

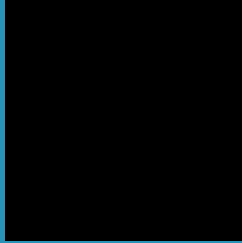
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 2893B7 Background



This preview shows how black text looks on a background with the Hex color 2893B7.

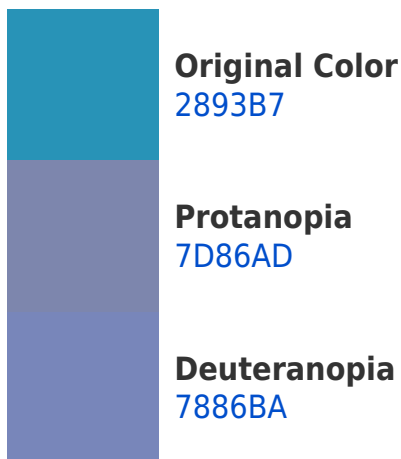


This preview shows how white text looks on a background with the Hex color 2893B7.

# 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](#).

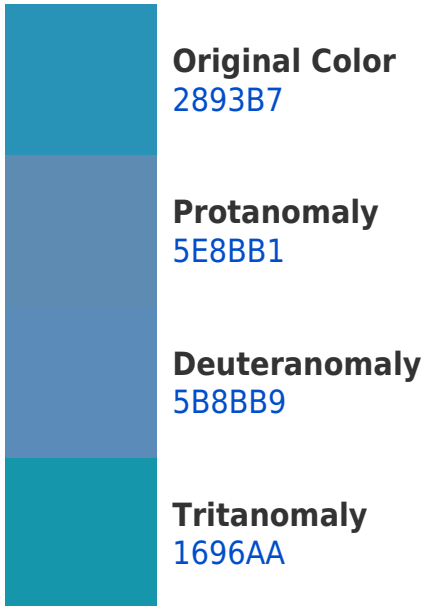
## Dichromacy





**Tritanopia**  
0B97A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2893B7 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 #2893B7 looks like.

```
.text, #text, p{  
    color:#2893B7  
}
```

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 #2893B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2893B7
}
```

## Border

The CSS property to change the border of an element to Hex 2893B7 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
#2893B7 }
```

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

```
.border{ border-color:#2893B7 }
```

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

Here you see how a box with a 4 pixel #2893B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2893B7; -webkit-box-shadow:4px 4px  
4px 4px #2893B7; box-shadow:4px 4px 4px  
4px #2893B7 }
```

# Background

The CSS property to change the background color of an element to Hex 2893B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2893B7 }
```

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

```
.background{ background-color:#2893B7 }
```

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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