

# Converting Colors

Hex(2B8EA0)

Have a look what the booklet for  
Hex(2B8EA0) contains.

<b>Hex(2B8EA0)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(2B8EA0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2B8EA0
RGB	43, 142, 160
RGB Percent	17%, 56%, 63%
CMY	0.8314, 0.4431, 0.3725
CMYK	0.73, 0.11, 0.00, 0.37
HSL	189°, 58%, 40%
HSV	189°, 73%, 63%
XYZ	17.0144, 22.3977, 36.6841
YIQ	114.4510, -64.7820, -15.3900

# Conversions

## Conversions Part 2

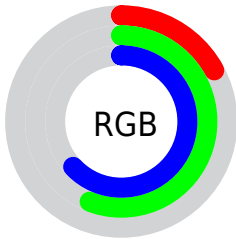
<b>Format</b>	<b>Color</b>
<b>RYB</b>	43, 97, 160
Decimal	2854560
CIELab	54.45, -21.86, -17.71
CIELCh	54, 28.129, 219.015
Yxy	22.3977, 0.2236, 0.2943
Android (android.graphics.Color)	4281044640 (0xFF2B8EA0)
YUV	114.4510, 22.4557, -62.6625
Hunter-Lab	47.3262, -18.6475, -12.8294

# Details

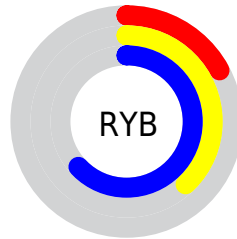
The Hex color **2B8EA0** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A03D2B**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **6AC4D7**, and **005B6C** is the 20% darker color. If you saturate the color by 10%, you get **1B8CA0**, and if you desaturate by 10%, it is **3B90A0**.

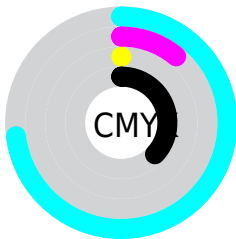
# Distribution



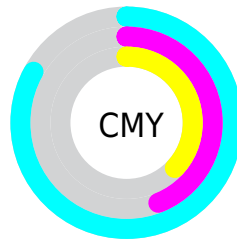
- Red (17%)
- Green (56%)
- Blue (63%)



- Red (17%)
- Yellow (38%)
- Blue (63%)



- Cyan (73%)
- Magenta (11%)
- Yellow (0%)
- Black (37%)



- Cyan (83%)
- Magenta (44%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2B8EA0 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 2B8EA0 by changing the saturation by 10% instead.



 2B8EA0

 2B8EA0

FFFFFF

 007486

 6AC4D7

 005B6C

 87E0F3

 004454

 A4FDFF

 002D3D

 C1FFFF

 001A27

 DEFFFF

 000112

 FCFFFF

 000000

 2B8EA0

 2B8EA0

 1B8CA0

 3B90A0

0B89A0

4B93A0

0087A0

5B95A0

6B98A0

7B9AA0

8B9DA0

9B9FA0

ABA2A0

BBA4A0

# Harmonies

## Analogous

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



378F89



2B8EA0



4689AF

# Triad

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



2B8EA0



A77294



8B8352

# Complementary

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



2B8EA0



A03D2B

# 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.



A17B55



2B8EA0



B2707C

# Square

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



2B8EA0



8F79A8



AF7365



718A5C

# Rectangle

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



2B8EA0



5F85B2



AF7365



938051



# Sweetspot

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



2B8EA0



A3CAD1



2BA03D



4D6469



E8E8E8



696969



# Same Dimension

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



2B8EA0



19B5D1



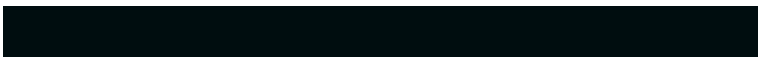
2B54A0



474E4F



00798F



000D0F



# Inverse Universe

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



A02B8E



D119B5



A0772B



4F474E



8F0079



0F000D



# Previews

## White Background



This preview shows how the Hex color 2B8EA0 looks on a white background.

## Color Contrast Check

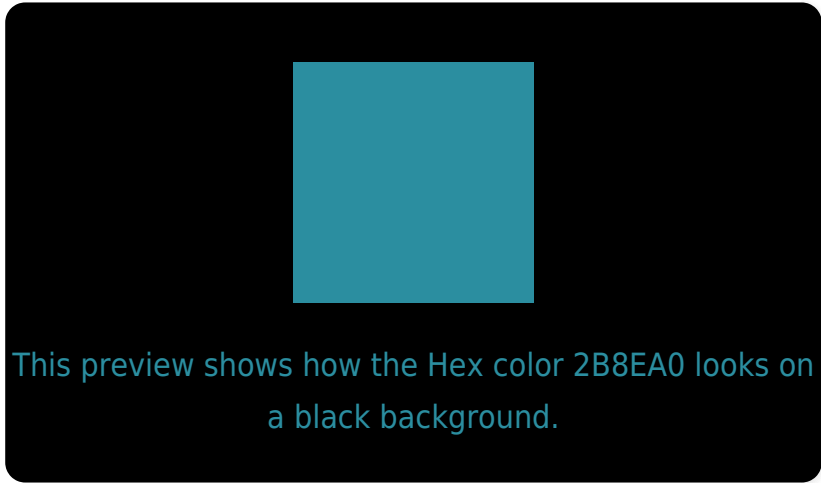
Large Text (above 18pt) WCAG AA ✓ Pass

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

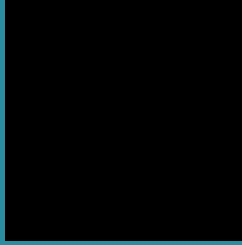
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 2B8EA0 Background



This preview shows how black text looks on a background with the Hex color 2B8EA0.

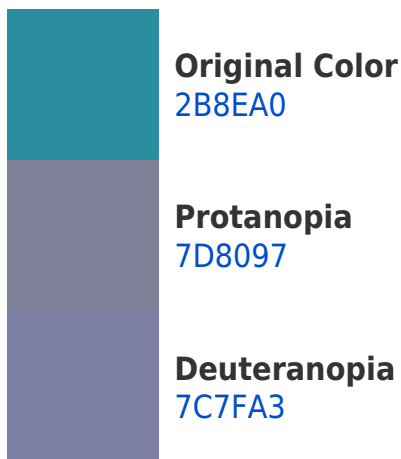


This preview shows how white text looks on a background with the Hex color 2B8EA0.

# 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](#).

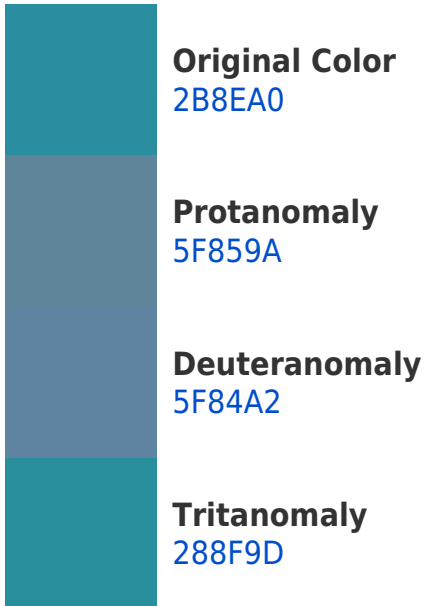
## Dichromacy





**Tritanopia**  
278F9B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2B8EA0 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 #2B8EA0 looks like.

```
.text, #text, p{  
    color:#2B8EA0  
}
```

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 #2B8EA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B8EA0
}
```

## Border

The CSS property to change the border of an element to Hex 2B8EA0 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
#2B8EA0 }
```

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

```
.border{ border-color:#2B8EA0 }
```

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

Here you see how a box with a 4 pixel #2B8EA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B8EA0; -webkit-box-shadow:4px 4px  
4px 4px #2B8EA0; box-shadow:4px 4px 4px  
4px #2B8EA0 }
```

# Background

The CSS property to change the background color of an element to Hex 2B8EA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B8EA0 }
```

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

```
.background{ background-color:#2B8EA0 }
```

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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