

Converting Colors

Hex(2B8EA6)

Have a look what the booklet for
Hex(2B8EA6) contains.

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Color

Hex(2B8EA6)

Conversions

Conversions Part 1

Format	Color
Hex	2B8EA6
RGB	43, 142, 166
RGB Percent	17%, 56%, 65%
CMY	0.8314, 0.4431, 0.3490
CMYK	0.74, 0.14, 0.00, 0.35
HSL	192°, 59%, 41%
HSV	192°, 74%, 65%
XYZ	17.5522, 22.6128, 39.5160
YIQ	115.1350, -66.7080, -13.5240

Conversions

Conversions Part 2

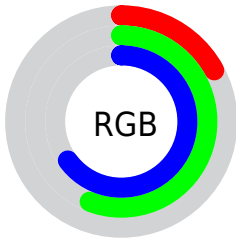
Format	Color
R_{YB}	43, 98, 166
Decimal	2854566
CIE _{Lab}	54.67, -19.89, -20.81
CIE _{LCh}	55, 28.786, 226.304
Yxy	22.6128, 0.2203, 0.2838
Android (android.graphics.Color)	4281044646 (0xFF2B8EA6)
YUV	115.1350, 25.0764, -63.2624
Hunter-Lab	47.5529, -17.3316, -15.9824

Details

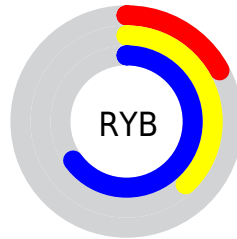
The Hex color **2B8EA6** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A6432B**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **6BC4DD**, and **005C72** is the 20% darker color. If you saturate the color by 10%, you get **1A8BA6**, and if you desaturate by 10%, it is **3C91A6**.

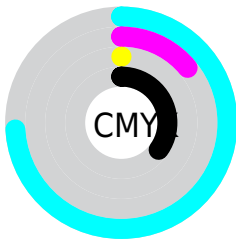
Distribution



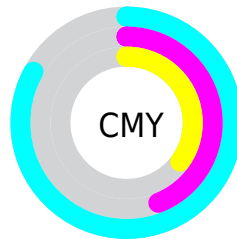
- Red (17%)
- Green (56%)
- Blue (65%)



- Red (17%)
- Yellow (38%)
- Blue (65%)



- Cyan (74%)
- Magenta (14%)
- Yellow (0%)
- Black (35%)



- Cyan (83%)
- Magenta (44%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B8EA6 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 2B8EA6 by changing the saturation by 10% instead.



2B8EA6



2B8EA6

FFFFFF



00748C



6BC4DD



005C72



88E0FA



004459



A5FDFF



002D42



C2FFFF



001B2C



E0FFFF



000117

FEFFFF



000000



2B8EA6



2B8EA6



1A8BA6



3C91A6

0A88A6

4C94A6

0086A6

5D98A6

6D9BA6

7E9EA6

8FA1A6

9FA5A6

B0A8A6

C0ABA6

Harmonies

Analogous

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



2E9090



2B8EA6



4D89B3

Triad

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



2B8EA6



AC718F



868652

Complementary

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



2B8EA6



A6432B

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.



9E7D53



2B8EA6



B47076

Square

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



2B8EA6



9778A5



AE7560



6A8C60

Rectangle

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



2B8EA6



6883B4



AE7560



8E8351

Sweetspot

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



2B8EA6



A9CFD9



2BA642



51686E



EDEDED



6E6E6E

Same Dimension

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



2B8EA6



18B3D9



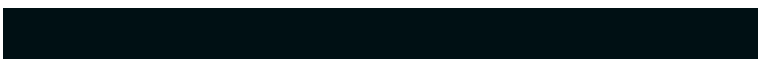
2B52A6



4C5354



007794



001014

Inverse Universe

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



A62B8E



D918B3



A67F2B



544C53



940077



140010

Previews

White Background



This preview shows how the Hex color 2B8EA6 looks on a white background.

Color Contrast Check

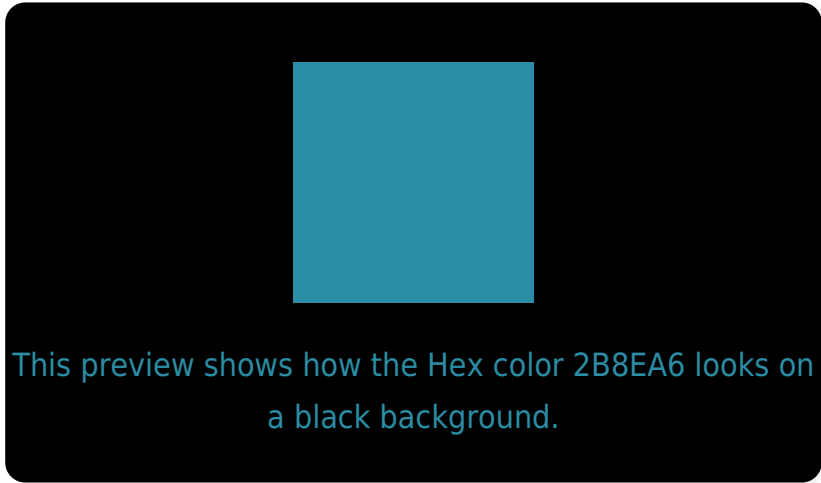
Large Text (above 18pt) WCAG AA ✓ Pass

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

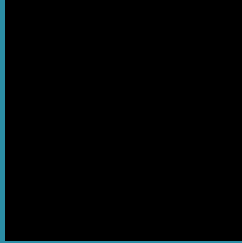
Any Text WCAG AA ✓ Pass

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 2B8EA6 Background



This preview shows how black text looks on a background with the Hex color 2B8EA6.

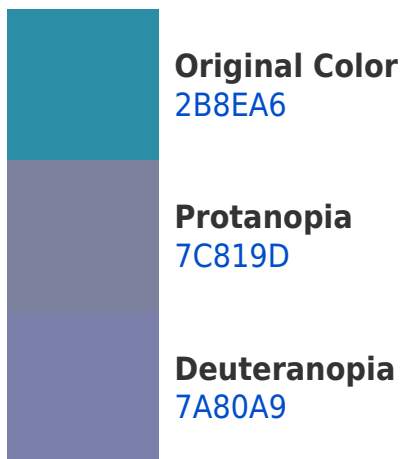


This preview shows how white text looks on a background with the Hex color 2B8EA6.

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](#).

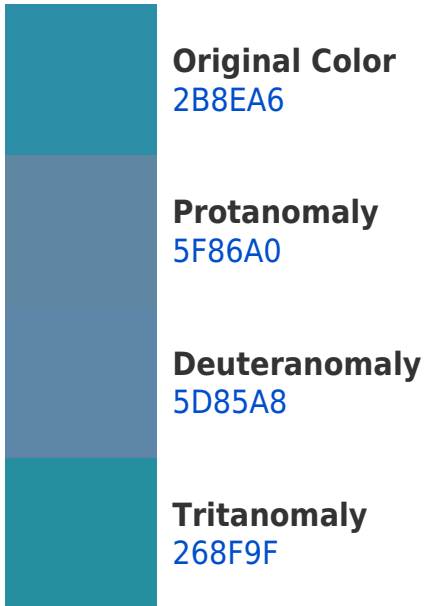
Dichromacy





Tritanopia
23909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2B8EA6 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 #2B8EA6 looks like.

```
.text, #text, p{  
    color:#2B8EA6  
}
```

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 #2B8EA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B8EA6
}
```

Border

The CSS property to change the border of an element to Hex 2B8EA6 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
#2B8EA6 }
```

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

```
.border{ border-color:#2B8EA6 }
```

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

Here you see how a box with a 4 pixel #2B8EA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B8EA6; -webkit-box-shadow:4px 4px  
4px 4px #2B8EA6; box-shadow:4px 4px 4px  
4px #2B8EA6 }
```

Background

The CSS property to change the background color of an element to Hex 2B8EA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B8EA6 }
```

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

```
.background{ background-color:#2B8EA6 }
```

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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