

Converting Colors

Hex(2E859B)

Have a look what the booklet for
Hex(2E859B) contains.

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Color

Hex(2E859B)

Conversions

Conversions Part 1

Format	Color
Hex	2E859B
RGB	46, 133, 155
RGB Percent	18%, 52%, 61%
CMY	0.8196, 0.4784, 0.3922
CMYK	0.70, 0.14, 0.00, 0.39
HSL	192°, 54%, 39%
HSV	192°, 70%, 61%
XYZ	15.4306, 19.7225, 34.0039
YIQ	109.4950, -58.9140, -11.6020

Conversions

Conversions Part 2

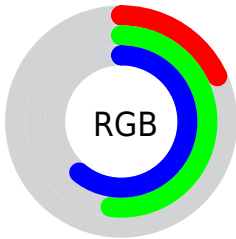
Format	Color
R_{YB}	46, 94, 155
Decimal	3048859
CIE _{Lab}	51.52, -18.28, -19.27
CIE _{LCh}	52, 26.564, 226.517
Yxy	19.7225, 0.2231, 0.2852
Android (android.graphics.Color)	4281238939 (0xFF2E859B)
YUV	109.4950, 22.4340, -55.6851
Hunter-Lab	44.4100, -15.6961, -14.3103

Details

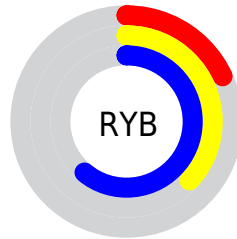
The Hex color **2E859B** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9B442E**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **6ABAD1**, and **005368** is the 20% darker color. If you saturate the color by 10%, you get **1F829B**, and if you desaturate by 10%, it is **3E889B**.

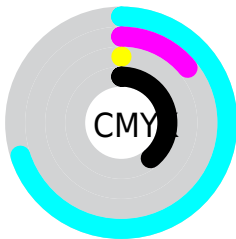
Distribution



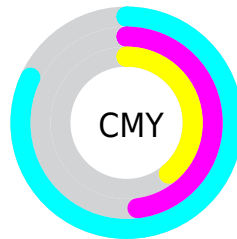
- Red (18%)
- Green (52%)
- Blue (61%)



- Red (18%)
- Yellow (37%)
- Blue (61%)



- Cyan (70%)
- Magenta (14%)
- Yellow (0%)
- Black (39%)



- Cyan (82%)
- Magenta (48%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E859B 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 2E859B by changing the saturation by 10% instead.

2E859B

2E859B

FFFFFF

006C81

6ABAD1

005368

87D6EE

003C50

A3F3FF

002639

C0FFFF

000C23

DEFFFF

00000B

FBFFFF

000000

2E859B

2E859B

1F829B

3E889B

0F7F9B

4D8B9B

007C9B

5D8E9B

6C929B

7C959B

8B989B

9B9B9B

AA9E9B

BAA19B

Harmonies

Analogous

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



308787



2E859B



4B80A6

Triad

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



2E859B



A16B86



7E7D4F

Complementary

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



2E859B



9B442E

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.



93764F



2E859B



A86A6F

Square

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



2E859B



8D719A



A36E5B



64835B

Rectangle

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



2E859B



637BA8



A36E5B



857B4D

Sweetspot

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



2E859B



9FC1C9



2E9B44



4D6166



E6E6E6



666666

Same Dimension

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



2E859B



20A7C9



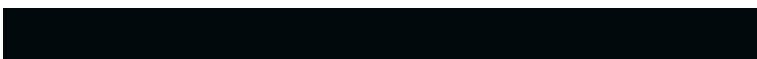
2E4F9B



454B4D



00708C



000A0D

Inverse Universe

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



9B2E85



C920A7



9B7A2E



4D454B



8C0070



0D000A

Previews

White Background



This preview shows how the Hex color 2E859B looks on a white background.

Color Contrast Check

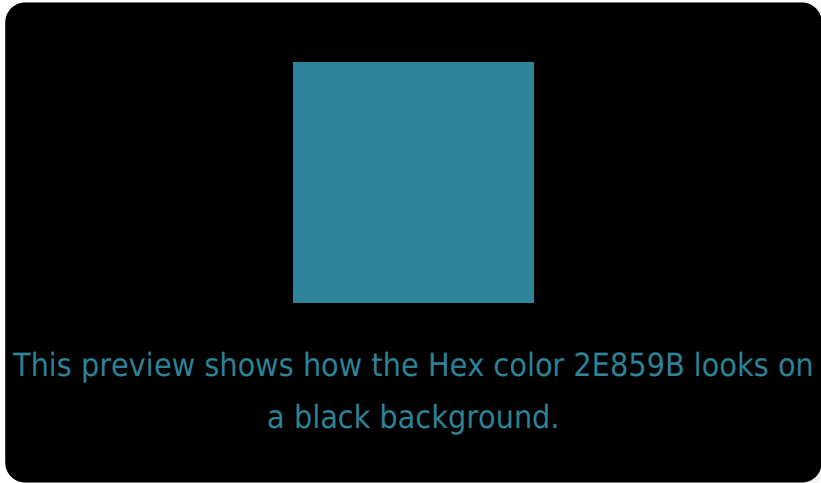
Large Text (above 18pt) WCAG AA ✓ Pass

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

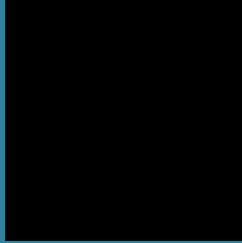
Any Text WCAG AA ✓ Pass

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 2E859B Background



This preview shows how black text looks on a background with the Hex color 2E859B.

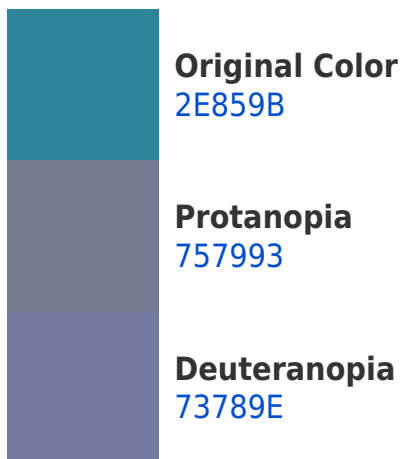


This preview shows how white text looks on a background with the Hex color 2E859B.

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](#).

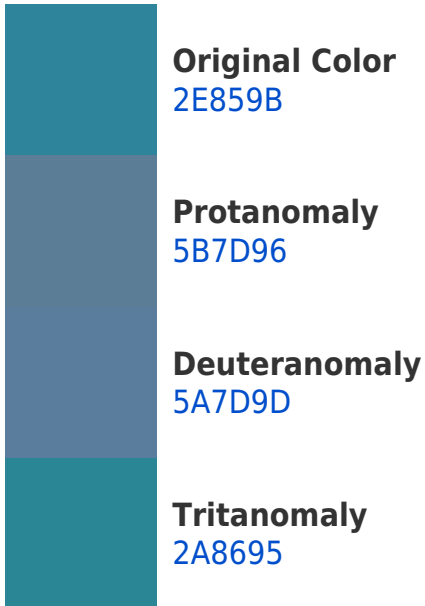
Dichromacy





Tritanopia
288792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2E859B 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 #2E859B looks like.

```
.text, #text, p{  
    color:#2E859B  
}
```

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 #2E859B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E859B
}
```

Border

The CSS property to change the border of an element to Hex 2E859B 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
#2E859B }
```

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

```
.border{ border-color:#2E859B }
```

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

Here you see how a box with a 4 pixel #2E859B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E859B; -webkit-box-shadow:4px 4px  
4px 4px #2E859B; box-shadow:4px 4px 4px  
4px #2E859B }
```

Background

The CSS property to change the background color of an element to Hex 2E859B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E859B }
```

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

```
.background{ background-color:#2E859B }
```

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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