

Converting Colors

Hex(2E8799)

Have a look what the booklet for
Hex(2E8799) contains.

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Color

Hex(2E8799)

Conversions

Conversions Part 1

Format	Color
Hex	2E8799
RGB	46, 135, 153
RGB Percent	18%, 53%, 60%
CMY	0.8196, 0.4706, 0.4000
CMYK	0.70, 0.12, 0.00, 0.40
HSL	190°, 54%, 39%
HSV	190°, 70%, 60%
XYZ	15.5405, 20.2087, 33.2186
YIQ	110.4410, -58.8220, -13.2700

Conversions

Conversions Part 2

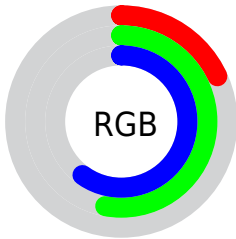
Format	Color
RYB	46, 95, 153
Decimal	3049369
CIELab	52.07, -20.01, -17.27
CIElCh	52, 26.432, 220.805
Yxy	20.2087, 0.2253, 0.2930
Android (android.graphics.Color)	4281239449 (0xFF2E8799)
YUV	110.4410, 20.9816, -56.5148
Hunter-Lab	44.9541, -16.9629, -12.3442




Details

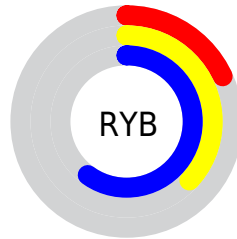
The Hex color **2E8799** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **99402E**, and the grayscale version is **6E6E6E**.




A 20% lighter version of the original color is **6ABCCF**, and **005566** is the 20% darker color. If you saturate the color by 10%, you get **1F8499**, and if you desaturate by 10%, it is **3D8A99**.

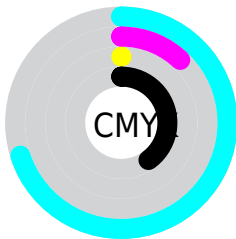
Distribution







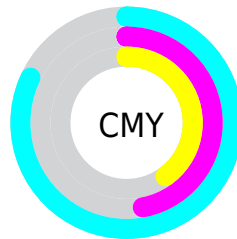
-  Red (18%)
-  Green (53%)
-  Blue (60%)






-  Red (18%)
-  Yellow (37%)
-  Blue (60%)



-  Cyan (70%)
-  Magenta (12%)
-  Yellow (0%)
-  Black (40%)



-  Cyan (82%)
-  Magenta (47%)
-  Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E8799 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 2E8799 by changing the saturation by 10% instead.

■ 2E8799

■ 2E8799

FFFFFF

■ 006E7F

■ 6ABCCF

■ 005566

■ 87D8EC

■ 003E4E

■ A3F5FF

■ 002737

■ C0FFFF

■ 000F22

■ DDFFFF

■ 000009

■ FBFFFF

■ 000000

■ 2E8799

■ 2E8799

■ 1F8499

■ 3D8A99

0F8299

4D8C99

007F99

5C8F99

6B9199

7B9499

8A9699

999999

A89C99

B89E99

Harmonies

Analogous

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



368984



2E8799



4783A6

Triad

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



2E8799



9F6D8C



847D4F

Complementary

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



2E8799



99402E

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.



987652



2E8799



A96B75

Square

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



2E8799



8A739F



A66F60



6B8459

Rectangle

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



2E8799



5E7EA9



A66F60



8B7B4F

Sweetspot

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



2E8799



9DC0C7



2E9940



4B5F63



E3E3E3



636363

Same Dimension

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



2E8799



20ABC7



2E5299



454B4D



00758C



000B0D

Inverse Universe

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



992E87



C720AB



99752E



4D454B



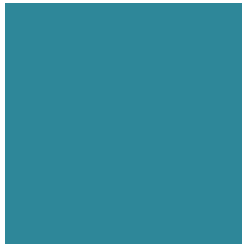
8C0075



0D000B

Previews

White Background



This preview shows how the Hex color 2E8799 looks on a white background.

Color Contrast Check

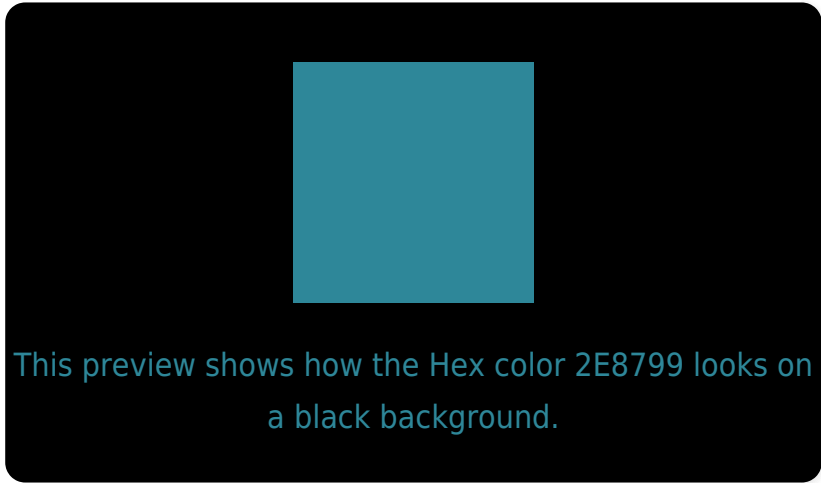
Large Text (above 18pt) WCAG AA ✓ Pass

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

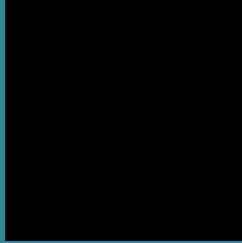
Any Text WCAG AA ✓ Pass

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 2E8799 Background



This preview shows how black text looks on a background with the Hex color 2E8799.

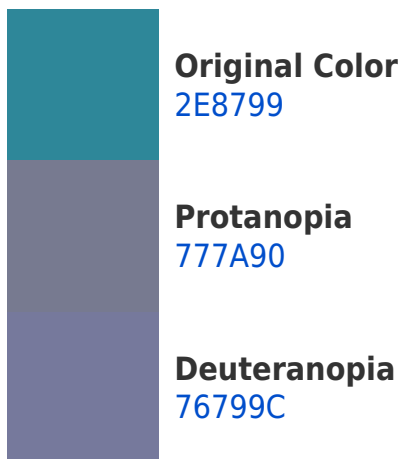


This preview shows how white text looks on a background with the Hex color 2E8799.

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
2A8893

Trichromacy



Original Color
2E8799



Protanomaly
5C7F93



Deuteranomaly
5C7E9B



Tritanomaly
2B8895

Monochromacy



Original Color
2E8799



Achromatopsia
6E6E6E



Achromatomaly
57777E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E8799 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 #2E8799 looks like.

```
.text, #text, p{  
    color:#2E8799  
}
```

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 #2E8799 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E8799
}
```

Border

The CSS property to change the border of an element to Hex 2E8799 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
#2E8799 }
```

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

```
.border{ border-color:#2E8799 }
```

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

Here you see how a box with a 4 pixel #2E8799 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E8799; -webkit-box-shadow:4px 4px  
4px 4px #2E8799; box-shadow:4px 4px 4px  
4px #2E8799 }
```

Background

The CSS property to change the background color of an element to Hex 2E8799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E8799 }
```

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

```
.background{ background-color:#2E8799 }
```

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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