

Converting Colors

Hex(2E8A8C)

Have a look what the booklet for
Hex(2E8A8C) contains.

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Color

Hex(2E8A8C)

Conversions

Conversions Part 1

Format	Color
Hex	2E8A8C
RGB	46, 138, 140
RGB Percent	18%, 54%, 55%
CMY	0.8196, 0.4588, 0.4510
CMYK	0.67, 0.01, 0.00, 0.45
HSL	181°, 51%, 36%
HSV	181°, 67%, 55%
XYZ	14.9488, 20.6512, 28.0091
YIQ	110.7200, -55.4740, -18.8820

Conversions

Conversions Part 2

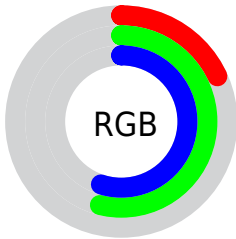
Format	Color
R_{YB}	46, 92, 140
Decimal	3050124
CIE _{Lab}	52.57, -25.65, -8.98
CIE _{LCh}	53, 27.175, 199.297
Y _{xy}	20.6512, 0.2350, 0.3247
Android (android.graphics.Color)	4281240204 (0xFF2E8A8C)
YUV	110.7200, 14.4350, -56.7594
Hunter-Lab	45.4436, -20.8083, -4.7328

Details

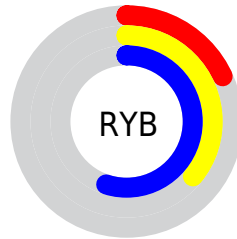
The Hex color **2E8A8C** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8C302E**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **69C0C1**, and **00585A** is the 20% darker color. If you saturate the color by 10%, you get **208A8C**, and if you desaturate by 10%, it is **3C8A8C**.

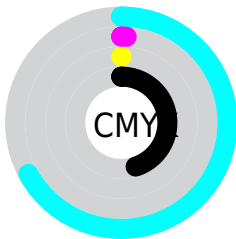
Distribution



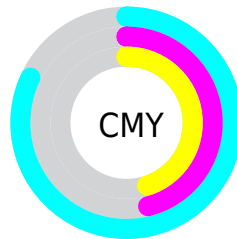
- Red (18%)
- Green (54%)
- Blue (55%)



- Red (18%)
- Yellow (36%)
- Blue (55%)



- Cyan (67%)
- Magenta (1%)
- Yellow (0%)
- Black (45%)



- Cyan (82%)
- Magenta (46%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E8A8C 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 2E8A8C by changing the saturation by 10% instead.

 2E8A8C

 2E8A8C

FFFFFF

 007073

 69C0C1

 00585A

 85DCDD

 004043

 A2F8FA

 00292D

 BEFFFF

 001118

 DCFFFF

 000000

 F9FFFF

 2E8A8C

 2E8A8C

 208A8C

 3C8A8C

■ 12898C

■ 4A8B8C

■ 04898C

■ 588B8C

■ 00898C

■ 668B8C

■ 748B8C

■ 828C8C

■ 908C8C

■ 9E8C8C

■ AC8D8C

Harmonies

Analogous

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



478A74



2E8A8C



3088A0

Triad

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



2E8A8C



93729C



957950

Complementary

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



2E8A8C



8C302E

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.



A5715B



2E8A8C



A66C87

Square

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



2E8A8C



757AA9



AC6C6F



7E8151

Rectangle

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



2E8A8C



4484A8



AC6C6F



9B7652

Sweetspot

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



2E8A8C



91B4B5



2E8C30



465B5C



DBDBDB



5C5C5C

Same Dimension

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



2E8A8C



22B2B5



2E5B8C



3E4545



008285



000505

Inverse Universe

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



8C2E8A



B522B2



8C5F2E



453E45



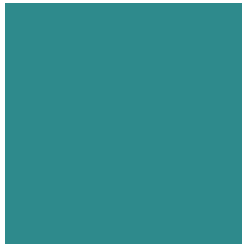
850082



050005

Previews

White Background



This preview shows how the Hex color 2E8A8C looks on a white background.

Color Contrast Check

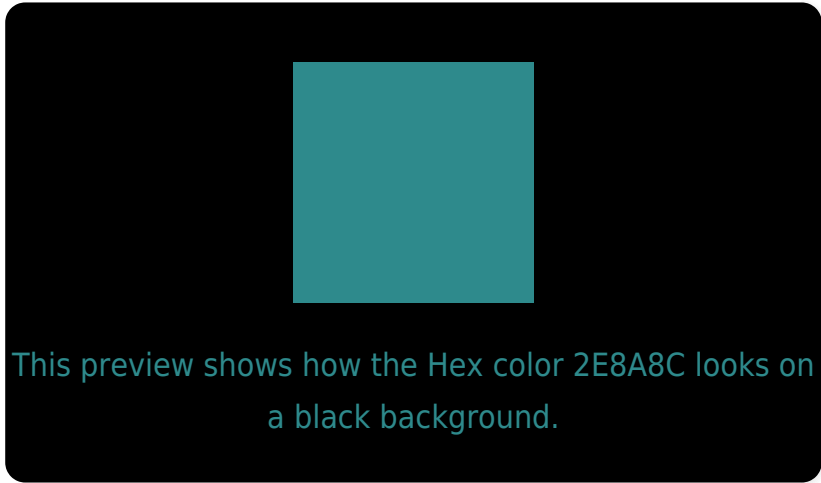
Large Text (above 18pt) WCAG AA ✓ Pass

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

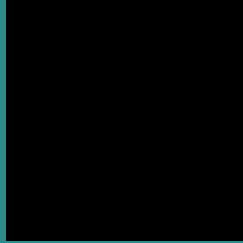
Any Text WCAG AA ✓ Pass

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 2E8A8C Background



This preview shows how black text looks on a background with the Hex color 2E8A8C.

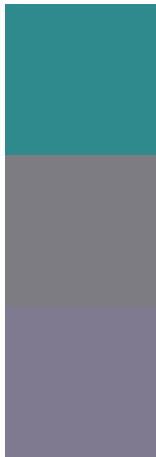


This preview shows how white text looks on a background with the Hex color 2E8A8C.

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



Original Color
2E8A8C

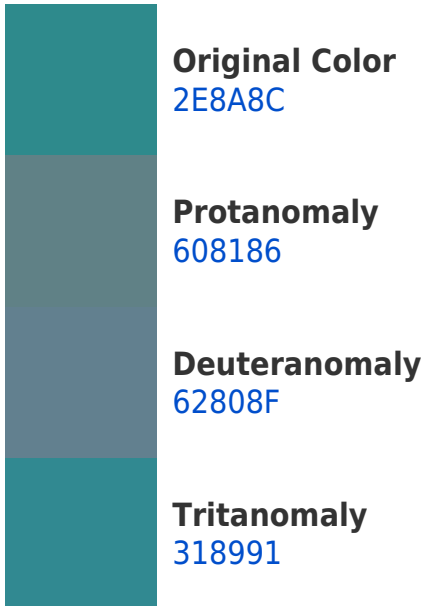
Protanopia
7D7C83

Deuteranopia
807A90



Tritanopia
328994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2E8A8C 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 #2E8A8C looks like.

```
.text, #text, p{  
    color:#2E8A8C  
}
```

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 #2E8A8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E8A8C
}
```

Border

The CSS property to change the border of an element to Hex 2E8A8C 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
#2E8A8C }
```

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

```
.border{ border-color:#2E8A8C }
```

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

Here you see how a box with a 4 pixel #2E8A8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E8A8C; -webkit-box-shadow:4px 4px  
4px 4px #2E8A8C; box-shadow:4px 4px 4px  
4px #2E8A8C }
```

Background

The CSS property to change the background color of an element to Hex 2E8A8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E8A8C }
```

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

```
.background{ background-color:#2E8A8C }
```

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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