

Converting Colors

Hex(2E8B94)

Have a look what the booklet for
Hex(2E8B94) contains.

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Color

Hex(2E8B94)

Conversions

Conversions Part 1

Format	Color
Hex	2E8B94
RGB	46, 139, 148
RGB Percent	18%, 55%, 58%
CMY	0.8196, 0.4549, 0.4196
CMYK	0.69, 0.06, 0.00, 0.42
HSL	185°, 53%, 38%
HSV	185°, 69%, 58%
XYZ	15.7046, 21.1842, 31.2782
YIQ	112.2190, -58.3170, -16.9170

Conversions

Conversions Part 2

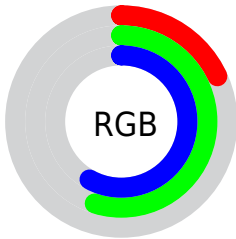
Format	Color
R_{YB}	46, 95, 148
Decimal	3050388
CIE _{Lab}	53.15, -23.69, -12.74
CIE _{LCh}	53, 26.902, 208.265
Yxy	21.1842, 0.2304, 0.3108
Android (android.graphics.Color)	4281240468 (0xFF2E8B94)
YUV	112.2190, 17.6400, -58.0741
Hunter-Lab	46.0263, -19.6400, -8.0735




Details

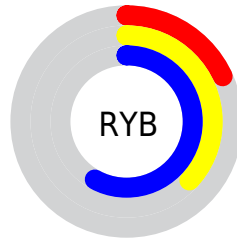
The Hex color **2E8B94** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **94372E**, and the grayscale version is **707070**.




A 20% lighter version of the original color is **6AC1CA**, and **005961** is the 20% darker color. If you saturate the color by 10%, you get **1F8A94**, and if you desaturate by 10%, it is **3D8C94**.

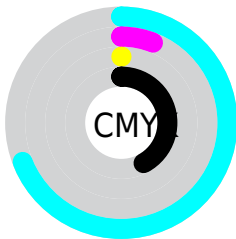
Distribution







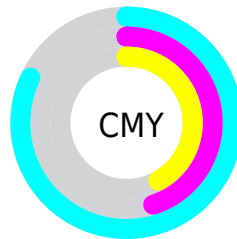
-  Red (18%)
-  Green (55%)
-  Blue (58%)






-  Red (18%)
-  Yellow (37%)
-  Blue (58%)



-  Cyan (69%)
-  Magenta (6%)
-  Yellow (0%)
-  Black (42%)



-  Cyan (82%)
-  Magenta (45%)
-  Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E8B94 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 2E8B94 by changing the saturation by 10% instead.



2E8B94



2E8B94

FFFFFF



00717A



6AC1CA



005961



87DDE6



00414A



A3F9FF



002A33



C0FFFF



00141E



DDFFFF



000002



FBFFFF



000000



2E8B94



2E8B94



1F8A94



3D8C94

■ 108894

■ 4C8E94

■ 028794

■ 5A8F94

■ 008794

■ 699094

■ 789294

■ 879394

■ 969494

■ A49594

■ B39794

Harmonies

Analogous

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



418B7D



2E8B94



3B88A6

Triad

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



2E8B94



9B7298



907D51

Complementary

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



2E8B94



94372E

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.



A27558



2E8B94



AA6D81

Square

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



2E8B94



8079A8



AC6F6A



788456

Rectangle

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



2E8B94



5184AC



AC6F6A



977A52

Sweetspot

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



2E8B94



97BCBF



2E9436



495F61



E0E0E0



616161

Same Dimension

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



2E8B94



21B1BF



2E5994



43494A



007E8A



00090A

Inverse Universe

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



942E8B



BF21B1



946A2E



4A4349



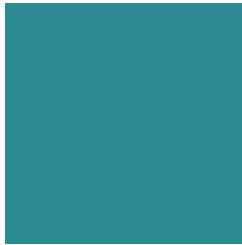
8A007E



0A0009

Previews

White Background



This preview shows how the Hex color 2E8B94 looks on a white background.

Color Contrast Check

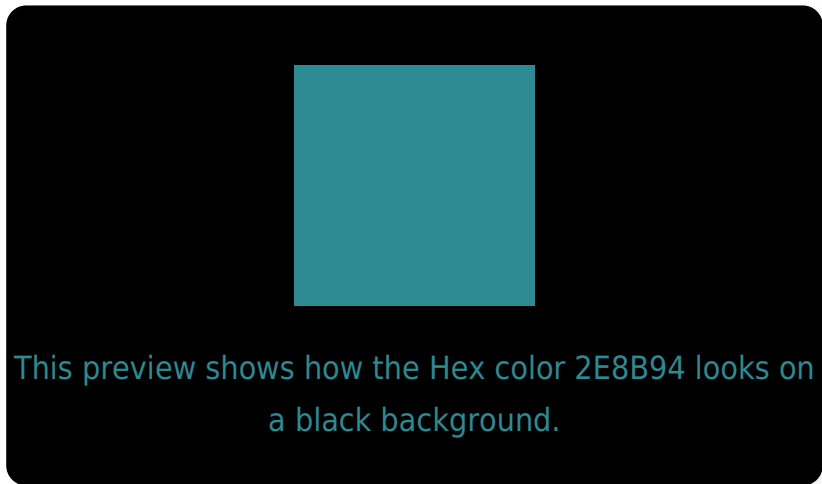
Large Text (above 18pt) WCAG AA ✓ Pass

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

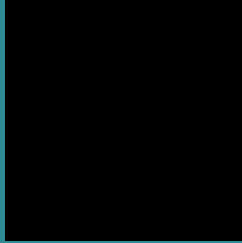
Any Text WCAG AA ✓ Pass

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 2E8B94 Background



This preview shows how black text looks on a background with the Hex color 2E8B94.

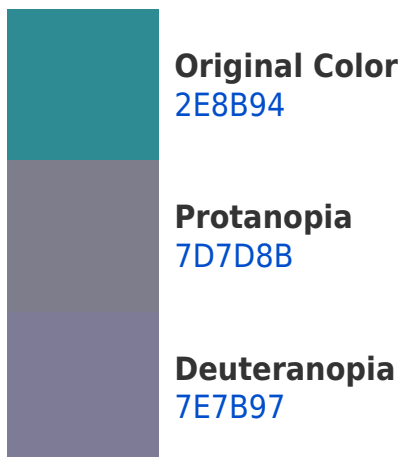


This preview shows how white text looks on a background with the Hex color 2E8B94.

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
2F8B96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2E8B94 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 #2E8B94 looks like.

```
.text, #text, p{  
    color:#2E8B94  
}
```

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 #2E8B94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E8B94
}
```

Border

The CSS property to change the border of an element to Hex 2E8B94 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
#2E8B94 }
```

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

```
.border{ border-color:#2E8B94 }
```

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

Here you see how a box with a 4 pixel #2E8B94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E8B94; -webkit-box-shadow:4px 4px  
4px 4px #2E8B94; box-shadow:4px 4px 4px  
4px #2E8B94 }
```

Background

The CSS property to change the background color of an element to Hex 2E8B94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E8B94 }
```

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

```
.background{ background-color:#2E8B94 }
```

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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