

Converting Colors

Hex(1E8A98)

Have a look what the booklet for
Hex(1E8A98) contains.

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Color

Hex(1E8A98)

Conversions

Conversions Part 1

Format	Color
Hex	1E8A98
RGB	30, 138, 152
RGB Percent	12%, 54%, 60%
CMY	0.8824, 0.4588, 0.4039
CMYK	0.80, 0.09, 0.00, 0.40
HSL	187°, 67%, 36%
HSV	187°, 80%, 60%
XYZ	15.2914, 20.7200, 32.8992
YIQ	107.3040, -68.8620, -18.5420

Conversions

Conversions Part 2

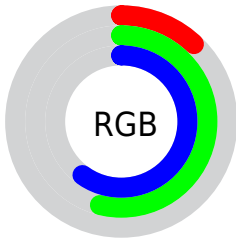
Format	Color
R_{YB}	30, 87, 152
Decimal	2001560
CIE _{Lab}	52.64, -23.93, -15.86
CIE _{LCh}	53, 28.707, 213.533
Yxy	20.7200, 0.2219, 0.3007
Android (android.graphics.Color)	4280191640 (0xFF1E8A98)
YUV	107.3040, 22.0351, -67.7956
Hunter-Lab	45.5192, -19.6946, -10.9886

Details

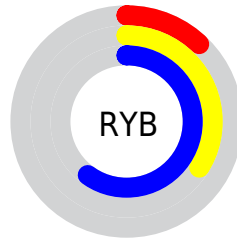
The Hex color **1E8A98** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **982C1E**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **61C0CE**, and **005865** is the 20% darker color. If you saturate the color by 10%, you get **0F8898**, and if you desaturate by 10%, it is **2D8C98**.

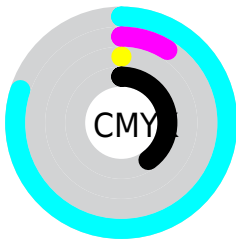
Distribution



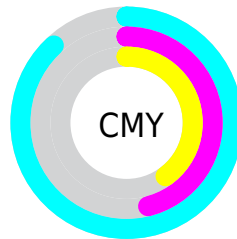
- Red (12%)
- Green (54%)
- Blue (60%)



- Red (12%)
- Yellow (34%)
- Blue (60%)



- Cyan (80%)
- Magenta (9%)
- Yellow (0%)
- Black (40%)



- Cyan (88%)
- Magenta (46%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E8A98 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 1E8A98 by changing the saturation by 10% instead.

1E8A98

1E8A98

FFFFFF

00707E

61C0CE

005865

7EDCEA

00404D

9BF8FF

002936

B9FFFF

001221

D6FFFF

000008

F4FFFF

000000

1E8A98

1E8A98

0F8898

2D8C98

008798

3C8D98

4C8F98

5B9198

6A9398

799498

889698

989898

A79A98

Harmonies

Analogous

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



348B80



1E8A98



3786A9

Triad

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



1E8A98



9F6E94



8B7D4C

Complementary

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



1E8A98



982C1E

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.



A07552



1E8A98



AD6B7C

Square

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



1E8A98



8476A7



AC6D64



718454

Rectangle

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



1E8A98



5282AE



AC6D64



937A4D

Sweetspot

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



1E8A98



95BFC4



1E982A



476063



E3E3E3



636363

Same Dimension

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



1E8A98



08AFC4



1E4F98



454C4D



007C8C



000B0D

Inverse Universe

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



981E8A



C408AF



98671E



4D454C



8C007C



0D000B

Previews

White Background



This preview shows how the Hex color 1E8A98 looks on a white background.

Color Contrast Check

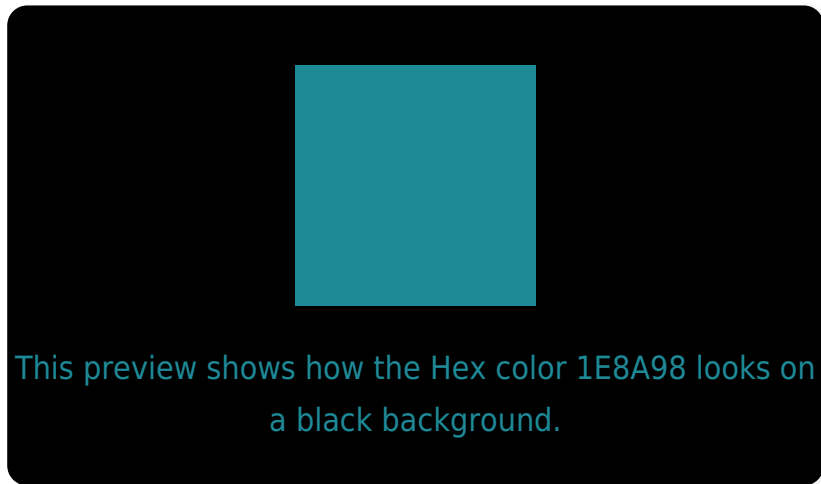
Large Text (above 18pt) WCAG AA ✓ Pass

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

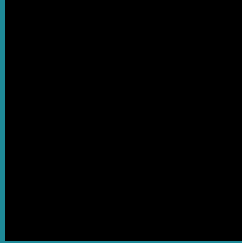
Any Text WCAG AA ✓ Pass

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 1E8A98 Background



This preview shows how black text looks on a background with the Hex color 1E8A98.

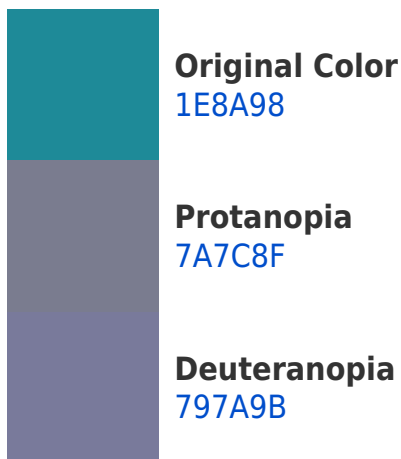


This preview shows how white text looks on a background with the Hex color 1E8A98.

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](#).

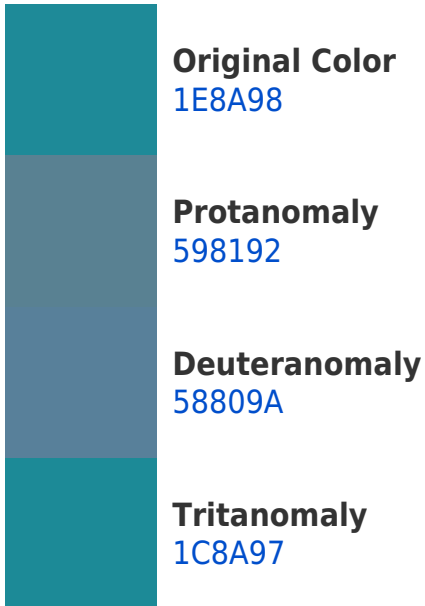
Dichromacy



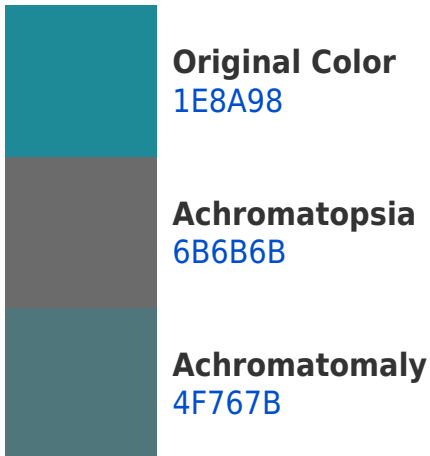


Tritanopia
1B8A96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1E8A98 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 #1E8A98 looks like.

```
.text, #text, p{  
    color:#1E8A98  
}
```

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 #1E8A98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E8A98
}
```

Border

The CSS property to change the border of an element to Hex 1E8A98 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
#1E8A98 }
```

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

```
.border{ border-color:#1E8A98 }
```

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

Here you see how a box with a 4 pixel #1E8A98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E8A98; -webkit-box-shadow:4px 4px  
4px 4px #1E8A98; box-shadow:4px 4px 4px  
4px #1E8A98 }
```

Background

The CSS property to change the background color of an element to Hex 1E8A98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E8A98 }
```

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

```
.background{ background-color:#1E8A98 }
```

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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