

Converting Colors

Hex(1E7A9B)

Have a look what the booklet for
Hex(1E7A9B) contains.

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Color

Hex(1E7A9B)

Conversions

Conversions Part 1

Format	Color
Hex	1E7A9B
RGB	30, 122, 155
RGB Percent	12%, 48%, 61%
CMY	0.8824, 0.5216, 0.3922
CMYK	0.81, 0.21, 0.00, 0.39
HSL	196°, 68%, 36%
HSV	196°, 81%, 61%
XYZ	13.4113, 16.5616, 33.5002
YIQ	98.2540, -65.4250, -9.2410

Conversions

Conversions Part 2

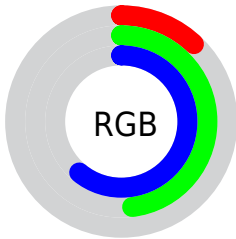
Format	Color
R _Y B	30, 83, 155
Decimal	1997467
CIE Lab	47.70, -14.28, -25.19
CIE LCh	48, 28.951, 240.452
Yxy	16.5616, 0.2113, 0.2609
Android (android.graphics.Color)	4280187547 (0xFF1E7A9B)
YUV	98.2540, 27.9758, -59.8588
Hunter-Lab	40.6960, -12.3934, -20.3193




Details

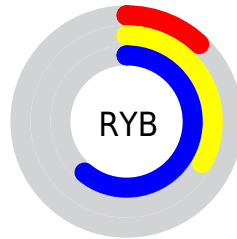
The Hex color **1E7A9B** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9B3F1E**, and the grayscale version is **626262**.




A 20% lighter version of the original color is **60AED2**, and **004968** is the 20% darker color. If you saturate the color by 10%, you get **0F769B**, and if you desaturate by 10%, it is **2E7E9B**.

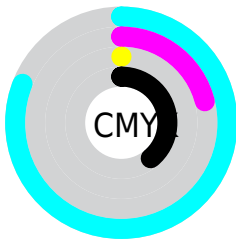
Distribution







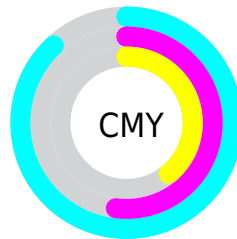
-  Red (12%)
-  Green (48%)
-  Blue (61%)






-  Red (12%)
-  Yellow (33%)
-  Blue (61%)



-  Cyan (81%)
-  Magenta (21%)
-  Yellow (0%)
-  Black (39%)



-  Cyan (88%)
-  Magenta (52%)
-  Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E7A9B 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 1E7A9B by changing the saturation by 10% instead.

■ 1E7A9B

■ 1E7A9B

FFFFFF

■ 006181

■ 60AED2

■ 004968

■ 7DCAEE

■ 00334F

■ 9AE6FF

■ 001E38

■ B7FFFF

■ 000223

■ D4FFFF

■ 00000A

■ F2FFFF

■ 000000

■ 1E7A9B

■ 1E7A9B

■ 0F769B

■ 2E7E9B

00729B

3D829B

4D869B

5C8A9B

6C8E9B

7B939B

8B979B

9A9B9B

AA9F9B

Harmonies

Analogous

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



007E89



1E7A9B



4E73A2

Triad

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



1E7A9B



9F5E72



677746

Complementary

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



1E7A9B



9B3F1E

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.



817040



1E7A9B



A0605A

Square

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



1E7A9B



90628A



946747



4A7C58

Rectangle

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



1E7A9B



686E9F



946747



707543

Sweetspot

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



1E7A9B



99BDC9



1E9B3D



485E66



E6E6E6



666666

Same Dimension

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



1E7A9B



0696C9



1E3D9B



454A4D



00678C



00090D

Inverse Universe

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



9B1E7A



C90696



9B7C1E



4D454A



8C0067



0D0009

Previews

White Background



This preview shows how the Hex color 1E7A9B looks on a white background.

Color Contrast Check

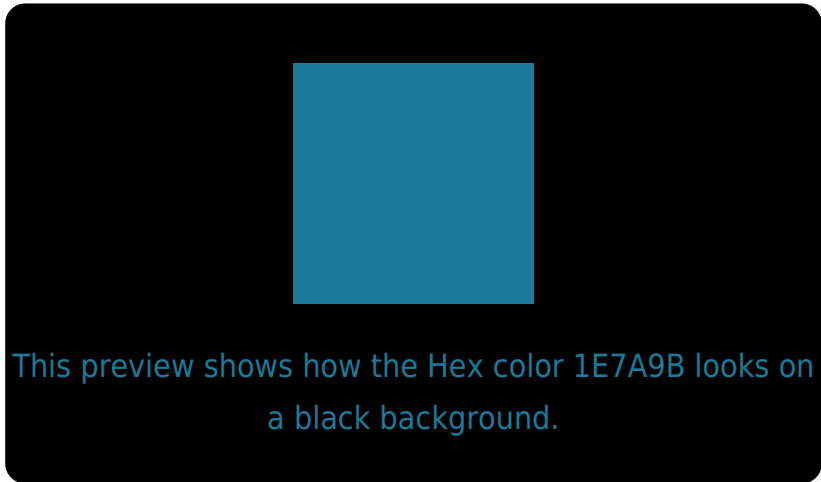
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

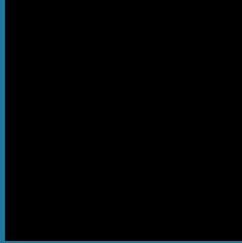
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 1E7A9B Background



This preview shows how black text looks on a background with the Hex color 1E7A9B.

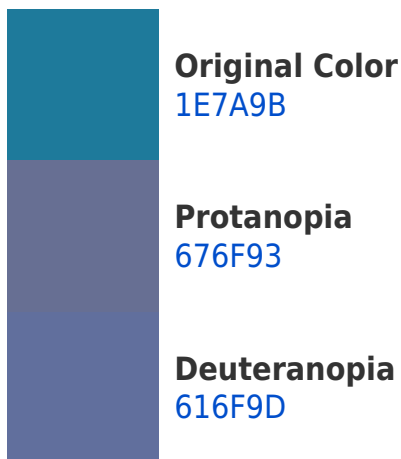


This preview shows how white text looks on a background with the Hex color 1E7A9B.

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



Trichromacy

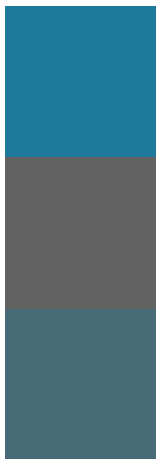


Original Color
1E7A9B

Protanomaly
4C7396

Deuteranomaly
49739C

Monochromacy



Original Color
1E7A9B

Achromatopsia
626262

Achromatomaly
496B77

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E7A9B 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 #1E7A9B looks like.

```
.text, #text, p{  
    color:#1E7A9B  
}
```

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 #1E7A9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E7A9B
}
```

Border

The CSS property to change the border of an element to Hex 1E7A9B 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
#1E7A9B }
```

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

```
.border{ border-color:#1E7A9B }
```

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

Here you see how a box with a 4 pixel #1E7A9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E7A9B; -webkit-box-shadow:4px 4px  
4px 4px #1E7A9B; box-shadow:4px 4px 4px  
4px #1E7A9B }
```

Background

The CSS property to change the background color of an element to Hex 1E7A9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E7A9B }
```

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

```
.background{ background-color:#1E7A9B }
```

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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