

Converting Colors

Hex(1E859D)

Have a look what the booklet for
Hex(1E859D) contains.

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Color

Hex(1E859D)

Conversions

Conversions Part 1

Format	Color
Hex	1E859D
RGB	30, 133, 157
RGB Percent	12%, 52%, 62%
CMY	0.8824, 0.4784, 0.3843
CMYK	0.81, 0.15, 0.00, 0.38
HSL	191°, 68%, 37%
HSV	191°, 81%, 62%
XYZ	15.0088, 19.4854, 34.8683
YIQ	104.9390, -69.0920, -14.3720

Conversions

Conversions Part 2

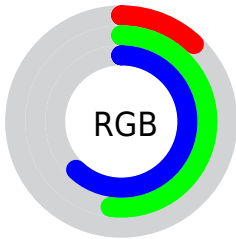
Format	Color
RYB	30, 87, 157
Decimal	2000285
CIELab	51.25, -19.62, -20.88
CIElCh	51, 28.653, 226.789
Yxy	19.4854, 0.2164, 0.2809
Android (android.graphics.Color)	4280190365 (0xFF1E859D)
YUV	104.9390, 25.6661, -65.7215
Hunter-Lab	44.1423, -16.5574, -15.9340

Details

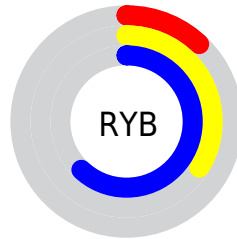
The Hex color **1E859D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9D361E**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **61BAD4**, and **00536A** is the 20% darker color. If you saturate the color by 10%, you get **0E829D**, and if you desaturate by 10%, it is **2E889D**.

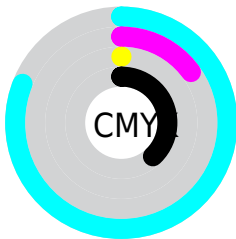
Distribution



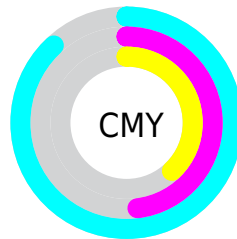
- Red (12%)
- Green (52%)
- Blue (62%)



- Red (12%)
- Yellow (34%)
- Blue (62%)



- Cyan (81%)
- Magenta (15%)
- Yellow (0%)
- Black (38%)



- Cyan (88%)
- Magenta (48%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E859D 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 1E859D by changing the saturation by 10% instead.

■ 1E859D

■ 1E859D

FFFFFF

■ 006C83

■ 61BAD4

■ 00536A

■ 7FD6F0

■ 003C51

■ 9CF3FF

■ 00263A

■ B9FFFF

■ 000B25

■ D6FFFF

■ 00010E

■ F4FFFF

■ 000000

■ 1E859D

■ 1E859D

■ 0E829D

■ 2E889D

007F9D

3D8B9D

4D8E9D

5D919D

6D949D

7C979D

8C9A9D

9C9D9D

ABA09D

Harmonies

Analogous

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



228787



1E859D



4580A9

Triad

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



1E859D



A36886



7D7D4B

Complementary

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



1E859D



9D361E

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.



94754B



1E859D



AA686D

Square

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



1E859D



8E6F9C



A46D57



618358

Rectangle

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



1E859D



607BAA



A46D57



857A49

Sweetspot

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



1E859D



9BC3CC



1E9D35



486066



E6E6E6



666666

Same Dimension

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



1E859D



06A7CC



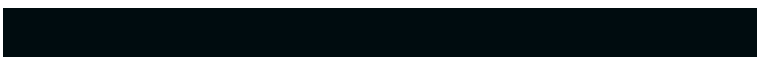
1E469D



474E4F



00748F



000C0F

Inverse Universe

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



9D1E85



CC06A7



9D751E



4F474E



8F0074



0F000C

Previews

White Background



This preview shows how the Hex color 1E859D looks on a white background.

Color Contrast Check

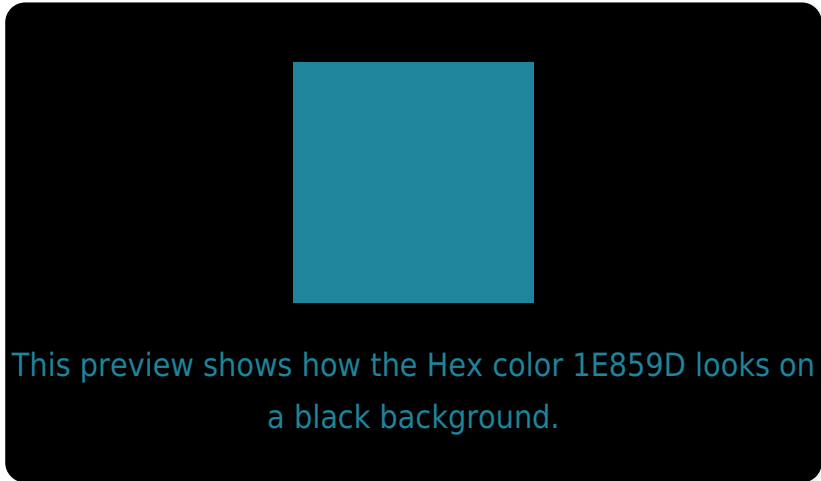
Large Text (above 18pt) WCAG AA ✓ Pass

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

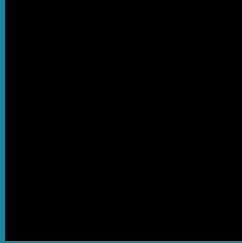
Any Text WCAG AA ✓ Pass

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 1E859D Background



This preview shows how black text looks on a background with the Hex color 1E859D.

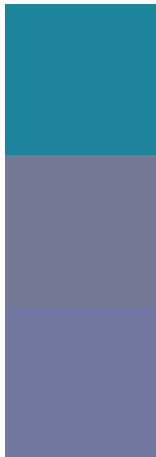


This preview shows how white text looks on a background with the Hex color 1E859D.

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
1E859D

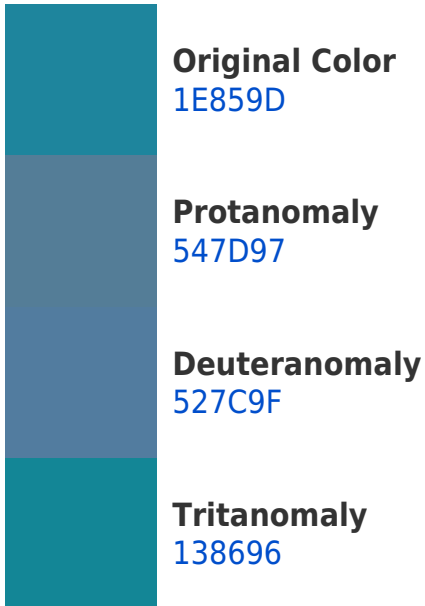
Protanopia
737894

Deuteranopia
7077A0



Tritanopia
0D8792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1E859D 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 #1E859D looks like.

```
.text, #text, p{  
    color:#1E859D  
}
```

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 #1E859D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E859D
}
```

Border

The CSS property to change the border of an element to Hex 1E859D 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
#1E859D }
```

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

```
.border{ border-color:#1E859D }
```

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

Here you see how a box with a 4 pixel #1E859D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E859D; -webkit-box-shadow:4px 4px  
4px 4px #1E859D; box-shadow:4px 4px 4px  
4px #1E859D }
```

Background

The CSS property to change the background color of an element to Hex 1E859D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E859D }
```

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

```
.background{ background-color:#1E859D }
```

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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