

Converting Colors

Hex(129783)

Have a look what the booklet for
Hex(129783) contains.

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Color

Hex(129783)

Conversions

Conversions Part 1

Format	Color
Hex	129783
RGB	18, 151, 131
RGB Percent	7%, 59%, 51%
CMY	0.9294, 0.4078, 0.4863
CMYK	0.88, 0.00, 0.13, 0.41
HSL	171°, 79%, 33%
HSV	171°, 88%, 59%
XYZ	15.4128, 23.9005, 25.2737
YIQ	108.9530, -72.8480, -34.4160

Conversions

Conversions Part 2

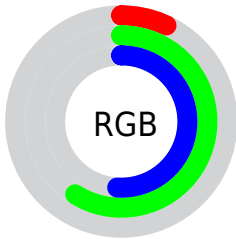
Format	Color
RYB	18, 90, 151
Decimal	1218435
CIELab	55.99, -37.64, 1.20
CIELCh	56, 37.655, 178.168
Yxy	23.9005, 0.2386, 0.3701
Android (android.graphics.Color)	4279408515 (0xFF129783)
YUV	108.9530, 10.8692, -79.7658
Hunter-Lab	48.8881, -29.2792, 3.5706

Details

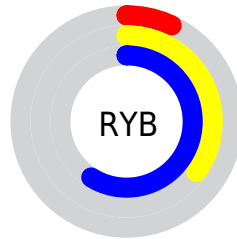
The Hex color **129783** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **971226**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **5CCEB8**, and **006352** is the 20% darker color. If you saturate the color by 10%, you get **039781**, and if you desaturate by 10%, it is **219785**.

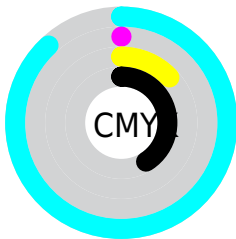
Distribution



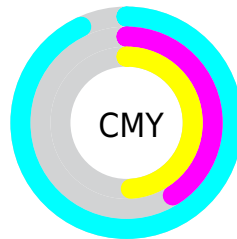
- Red (7%)
- Green (59%)
- Blue (51%)



- Red (7%)
- Yellow (35%)
- Blue (59%)



- Cyan (88%)
- Magenta (0%)
- Yellow (13%)
- Black (41%)



- Cyan (93%)
- Magenta (41%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 129783 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 129783 by changing the saturation by 10% instead.

 129783

 129783

FFFFFF

 007D6A

 5CCEB8

 006352

 7AEAD4

 004A3B

 97FFF0

 003325

 B4FFF0

 001E10

 D2FFF0

 000000

 F0FFF0

 129783

 129783

 039781

 219785

■ 009780

■ 309788

■ 3F978A

■ 4E978C

■ 5E978E

■ 6D9791

■ 7C9793

■ 8B9795

■ 9A9797

Harmonies

Analogous

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



539462



129783



0097A4

Triad

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



129783



867EC0



B6784F

Complementary

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



129783



971226

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.



C46E69



129783



AD72A9

Square

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



129783



4C8AC7



C26C8A



9C8444

Rectangle

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



129783



0094B6



C26C8A



BC7457

Sweetspot

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



129783



91C4BD



289712



45635F



E3E3E3



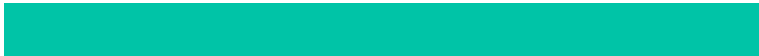
636363

Same Dimension

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



129783



00C4A7



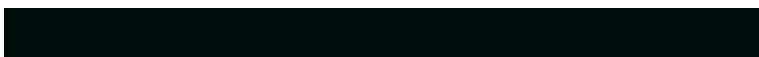
126B97



454D4B



008C77



000D0B

Inverse Universe

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



971226



C4001E



973E12



4D4546



8C0015



0D0002

Previews

White Background



This preview shows how the Hex color 129783 looks on a white background.

Color Contrast Check

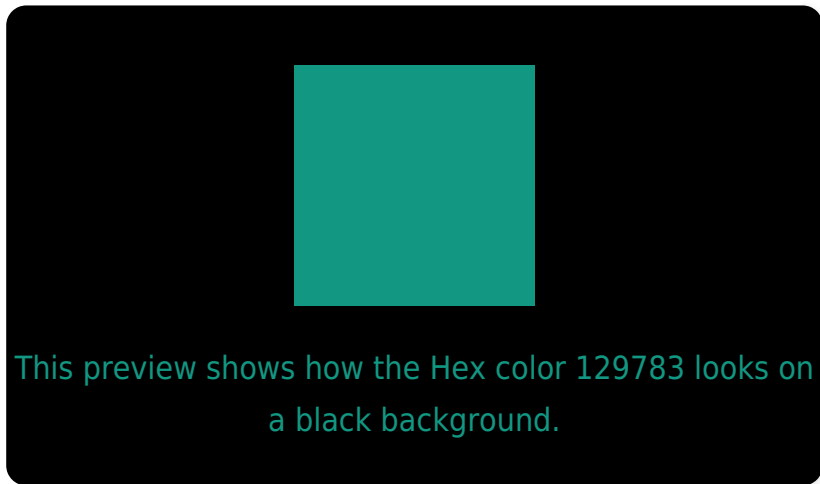
Large Text (above 18pt) WCAG AA ✓ Pass

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

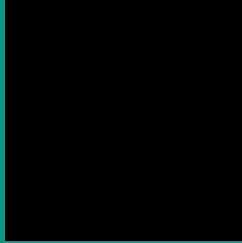
Any Text WCAG AA ✓ Pass

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 129783 Background



This preview shows how black text looks on a background with the Hex color 129783.

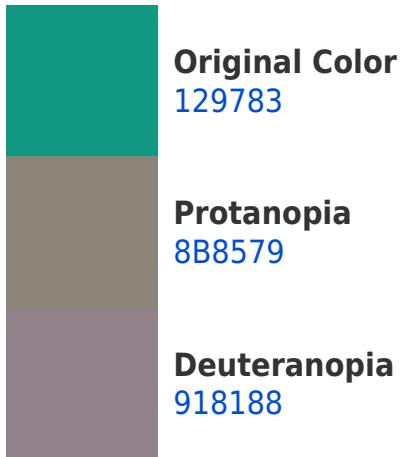


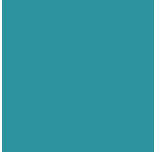
This preview shows how white text looks on a background with the Hex color 129783.

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
2C939F

Trichromacy



Original Color
129783



Protanomaly
5F8C7D



Deuteranomaly
638986



Tritanomaly
239495

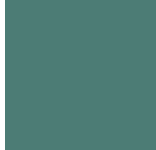
Monochromacy



Original Color
129783



Achromatopsia
6D6D6D



Achromatomaly
4C7C75

CSS Examples

Text

The CSS property to change the color of the text to Hex 129783 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 #129783 looks like.

```
.text, #text, p{  
    color:#129783  
}
```

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 #129783 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #129783
}
```

Border

The CSS property to change the border of an element to Hex 129783 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
#129783 }
```

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

```
.border{ border-color:#129783 }
```

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

Here you see how a box with a 4 pixel #129783 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #129783; -webkit-box-shadow:4px 4px  
4px 4px #129783; box-shadow:4px 4px 4px  
4px #129783 }
```

Background

The CSS property to change the background color of an element to Hex 129783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#129783 }
```

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

```
.background{ background-color:#129783 }
```

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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