

# Converting Colors

Hex(139480)

Have a look what the booklet for  
Hex(139480) contains.

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# Color

Hex(139480)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	139480
RGB	19, 148, 128
RGB Percent	7%, 58%, 50%
CMY	0.9255, 0.4196, 0.4980
CMYK	0.87, 0.00, 0.14, 0.42
HSL	171°, 77%, 33%
HSV	171°, 87%, 58%
XYZ	14.7547, 22.8768, 24.0601
YIQ	107.1490, -70.4640, -33.5680

# Conversions

## Conversions Part 2

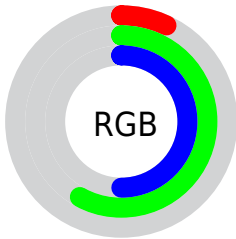
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	19, 89, 148
Decimal	1283200
CIE <sub>Lab</sub>	54.95, -37.08, 1.41
CIE <sub>LCh</sub>	55, 37.104, 177.829
Yxy	22.8768, 0.2392, 0.3708
Android (android.graphics.Color)	4279473280 (0xFF139480)
YUV	107.1490, 10.2795, -77.3067
Hunter-Lab	47.8297, -28.6373, 3.6557

# Details

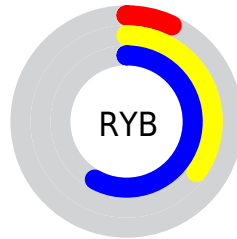
The Hex color **139480** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **941327**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **5CCBB5**, and **00604F** is the 20% darker color. If you saturate the color by 10%, you get **04947E**, and if you desaturate by 10%, it is **229482**.

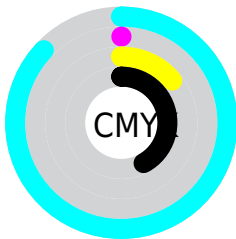
# Distribution



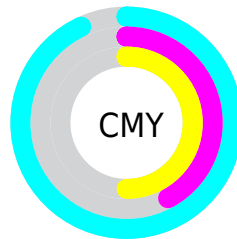
- Red (7%)
- Green (58%)
- Blue (50%)



- Red (7%)
- Yellow (35%)
- Blue (58%)



- Cyan (87%)
- Magenta (0%)
- Yellow (14%)
- Black (42%)



- Cyan (93%)
- Magenta (42%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 139480 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 139480 by changing the saturation by 10% instead.



 139480

 139480

FFFFFF

 007A67

 5CCBB5

 00604F

 79E7D0

 004838

 96FFEC

 003023

 B3FFFF

 001A0D

 D1FFFF

 000000

 EFFFFFF

 139480

 139480

 04947E

 229482

00947D

319485

3F9487

4E9489

5D948B

6C948E

7B9490

899492

989495

# Harmonies

## Analogous

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



529160



139480



0094A0

# Triad

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



139480



837CBC



B2754E

# Complementary

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



139480



941327

# 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.



C06C67



139480



A970A6

# Square

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



139480



4A87C3



BE6A87



998142

# Rectangle

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



139480



0091B2



BE6A87



B87255



# Sweetspot

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



139480



8EBFB8



289413



43615C



E0E0E0



616161



# Same Dimension

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



139480



00BFA2



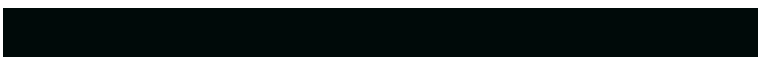
136994



434A49



008A74



000A09



# Inverse Universe

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



941327



BF001E



943E13



4A4344



8A0015

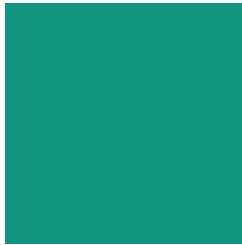


0A0002



# Previews

## White Background



This preview shows how the Hex color 139480 looks on a white background.

## Color Contrast Check

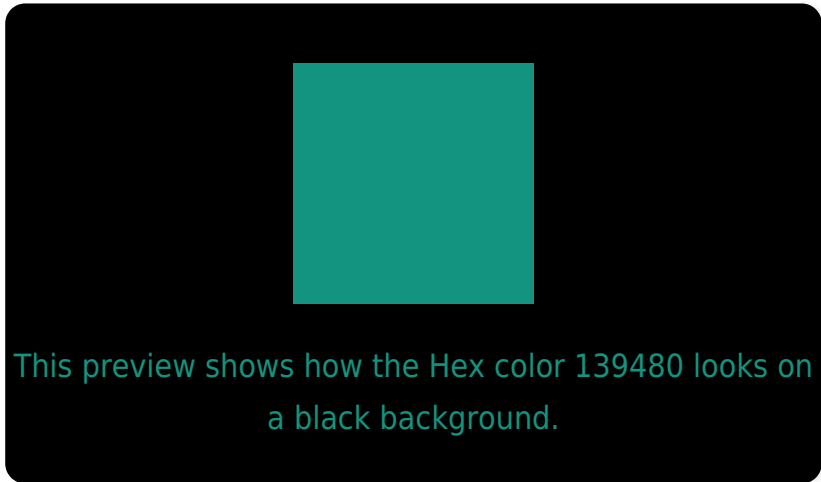
Large Text (above 18pt) WCAG AA ✓ Pass

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

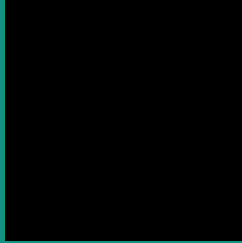
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 139480 Background



This preview shows how black text looks on a background with the Hex color 139480.

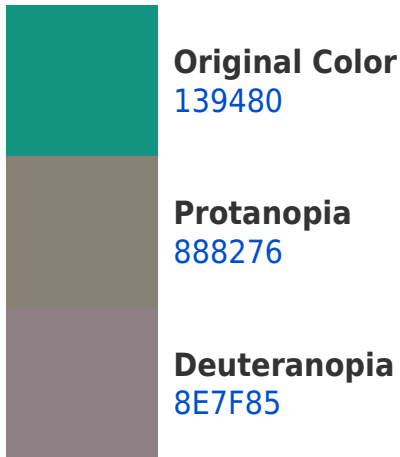


This preview shows how white text looks on a background with the Hex color 139480.

# 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**  
2C909C

# Trichromacy



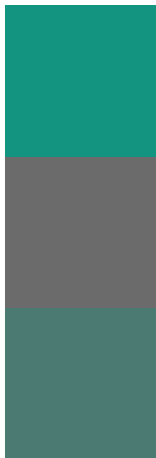
**Original Color**  
139480

**Protanomaly**  
5D897A

**Deuteranomaly**  
618783

**Tritanomaly**  
239192

# Monochromacy



**Original Color**  
139480

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
4B7A73

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 139480 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 #139480 looks like.

```
.text, #text, p{  
    color:#139480  
}
```

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 #139480 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #139480
}
```

## Border

The CSS property to change the border of an element to Hex 139480 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
#139480 }
```

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

```
.border{ border-color:#139480 }
```

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

Here you see how a box with a 4 pixel #139480 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #139480; -webkit-box-shadow:4px 4px  
4px 4px #139480; box-shadow:4px 4px 4px  
4px #139480 }
```

# Background

The CSS property to change the background color of an element to Hex 139480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#139480 }
```

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

```
.background{ background-color:#139480 }
```

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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