

# Converting Colors

Hex(128187)

Have a look what the booklet for  
Hex(128187) contains.

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# Color

**Hex(128187)**

# Conversions

## Conversions Part 1

Format	Color
Hex	128187
RGB	18, 129, 135
RGB Percent	7%, 51%, 53%
CMY	0.9294, 0.4941, 0.4706
CMYK	0.87, 0.04, 0.00, 0.47
HSL	183°, 76%, 30%
HSV	183°, 87%, 53%
XYZ	12.4729, 17.5784, 25.6572
YIQ	96.4950, -68.0820, -21.6660

# Conversions

## Conversions Part 2

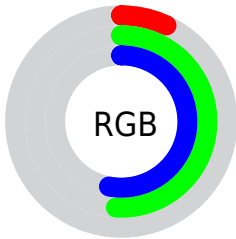
<b>Format</b>	<b>Color</b>
<b>RYB</b>	18, 75, 135
Decimal	1212807
CIELab	48.98, -26.00, -11.50
CIElCh	49, 28.432, 203.851
Yxy	17.5784, 0.2239, 0.3155
Android (android.graphics.Color)	4279402887 (0xFF128187)
YUV	96.4950, 18.9830, -68.8401
Hunter-Lab	41.9266, -20.2689, -6.9343

# Details

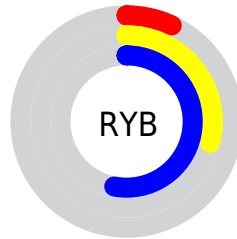
The Hex color **128187** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **871812**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **59B6BC**, and **004F55** is the 20% darker color. If you saturate the color by 10%, you get **048087**, and if you desaturate by 10%, it is **1F8287**.

# Distribution



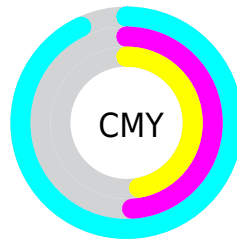
- Red (7%)
- Green (51%)
- Blue (53%)



- Red (7%)
- Yellow (29%)
- Blue (53%)



- Cyan (87%)
- Magenta (4%)
- Yellow (0%)
- Black (47%)



- Cyan (93%)
- Magenta (49%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 128187 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 128187 by changing the saturation by 10% instead.



 128187

 128187

FFFFFF

 00686E

 59B6BC

 004F55

 75D2D8

 00383E

 92EFF4

 002328

 AFFFFFF

 000114

 CCFFFF

 000000

 EAFFFF

 128187

 128187

 048087

 1F8287

■ 008087

■ 2D8287

■ 3A8387

■ 488487

■ 568487

■ 638587

■ 718687

■ 7E8787

■ 8B8787

# Harmonies

## Analogous

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



35816E



128187



1E7E9B

# Triad

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



128187



8E6791



897144

# Complementary

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



128187



871812

# 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.



9B694E



128187



9F627A

# Square

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



128187



7070A0



A36362



717948

# Rectangle

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



128187



3B7BA2



A36362



906E46



# Sweetspot

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



128187



82AEB0



128718



3E5859



D9D9D9



595959



# Same Dimension

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



128187



00A7B0



124787



3C4242



007B82



000203



# Inverse Universe

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



871281



B000A7



875212



423C42



82007B

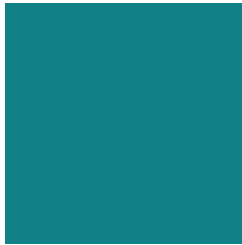


030002



# Previews

## White Background



This preview shows how the Hex color 128187 looks on a white background.

## Color Contrast Check

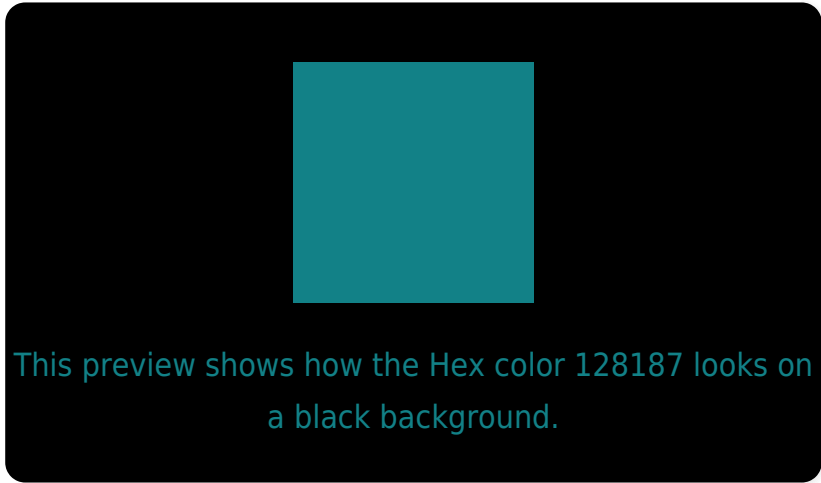
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

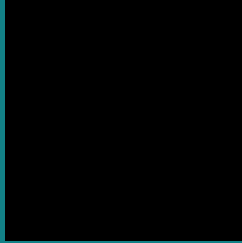
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 128187 Background



This preview shows how black text looks on a background with the Hex color 128187.



This preview shows how white text looks on a background with the Hex color 128187.

# 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**  
128187

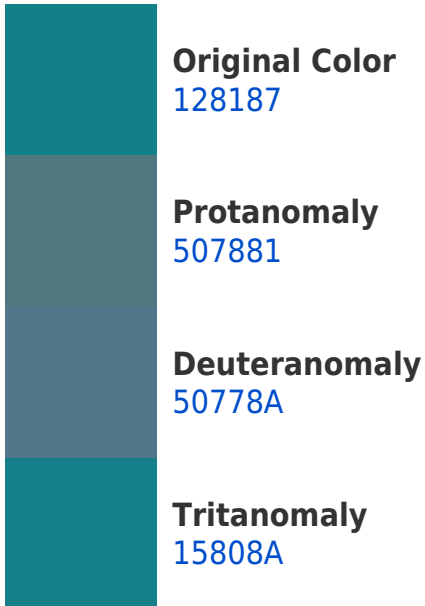
**Protanopia**  
73737E

**Deuteranopia**  
74718B

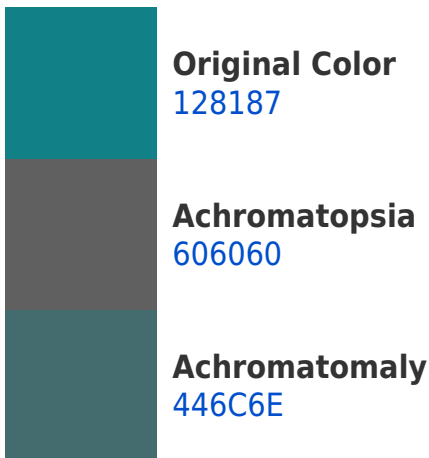


**Tritanopia**  
17808B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 128187 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 #128187 looks like.

```
.text, #text, p{  
    color:#128187  
}
```

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 #128187 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #128187
}
```

## Border

The CSS property to change the border of an element to Hex 128187 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
#128187 }
```

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

```
.border{ border-color:#128187 }
```

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

Here you see how a box with a 4 pixel #128187 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #128187; -webkit-box-shadow:4px 4px  
4px 4px #128187; box-shadow:4px 4px 4px  
4px #128187 }
```

# Background

The CSS property to change the background color of an element to Hex 128187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#128187 }
```

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

```
.background{ background-color:#128187 }
```

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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