

# Converting Colors

Hex(188087)

Have a look what the booklet for  
Hex(188087) contains.

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# Color

**Hex(188087)**

# Conversions

## Conversions Part 1

Format	Color
Hex	188087
RGB	24, 128, 135
RGB Percent	9%, 50%, 53%
CMY	0.9059, 0.4980, 0.4706
CMYK	0.82, 0.05, 0.00, 0.47
HSL	184°, 70%, 31%
HSV	184°, 82%, 53%
XYZ	12.4690, 17.3818, 25.6195
YIQ	97.7020, -64.2310, -19.8710

# Conversions

## Conversions Part 2

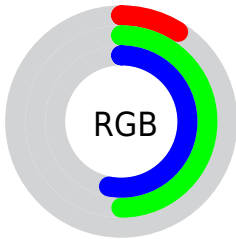
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 78, 135
Decimal	1605767
CIE <sub>Lab</sub>	48.74, -24.98, -11.86
CIE <sub>LCh</sub>	49, 27.652, 205.386
Yxy	17.3818, 0.2248, 0.3134
Android (android.graphics.Color)	4279795847 (0xFF188087)
YUV	97.7020, 18.3879, -64.6367
Hunter-Lab	41.6915, -19.5746, -7.2498

# Details

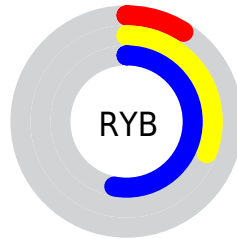
The Hex color **188087** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **871F18**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **5BB5BC**, and **004E55** is the 20% darker color. If you saturate the color by 10%, you get **0B7F87**, and if you desaturate by 10%, it is **268187**.

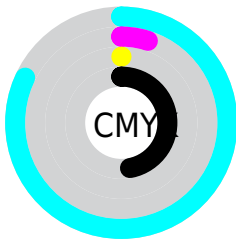
# Distribution



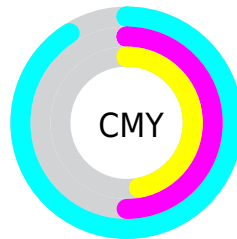
- Red (9%)
- Green (50%)
- Blue (53%)



- Red (9%)
- Yellow (31%)
- Blue (53%)



- Cyan (82%)
- Magenta (5%)
- Yellow (0%)
- Black (47%)



- Cyan (91%)
- Magenta (50%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 188087 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 188087 by changing the saturation by 10% instead.



 188087

 188087

FFFFFF

 00676E

 5BB5BC

 004E55

 77D1D8

 00373E

 94EDF4

 002228

 B1FFFF

 000114

 CEFFFF

 000000

 EBFFFF

 188087

 188087

 0B7F87

 268187

007E87

338287

418387

4E8387

5C8487

698587

778687

848787

928887

# Harmonies

## Analogous

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



35806F



188087



257D9A

# Triad

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



188087



8E678F



877145

# Complementary

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



188087



871F18

# 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.



98694E



188087



9E6278

# Square

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



188087



716F9E



A16361



6F7849

# Rectangle

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



188087



3F79A1



A16361



8D6E47



# Sweetspot

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



188087



84ADB0



18871E



3E5859



D9D9D9



595959



# Same Dimension

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



188087



02A5B0



184A87



3C4242



007A82



000203



# Inverse Universe

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



871880



B002A5



875518



423C42



82007A

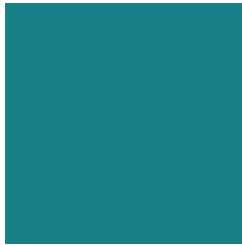


030002



# Previews

## White Background



This preview shows how the Hex color 188087 looks on a white background.

## Color Contrast Check

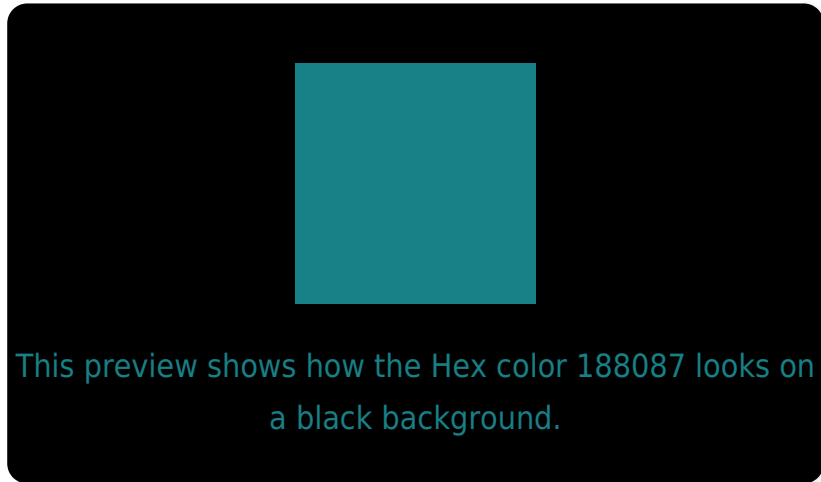
Large Text (above 18pt) WCAG AA ✓ Pass

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

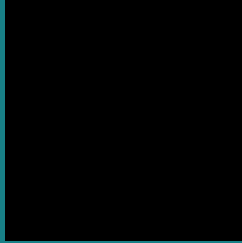
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 188087 Background



This preview shows how black text looks on a background with the Hex color 188087.



This preview shows how white text looks on a background with the Hex color 188087.

# 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**  
188087

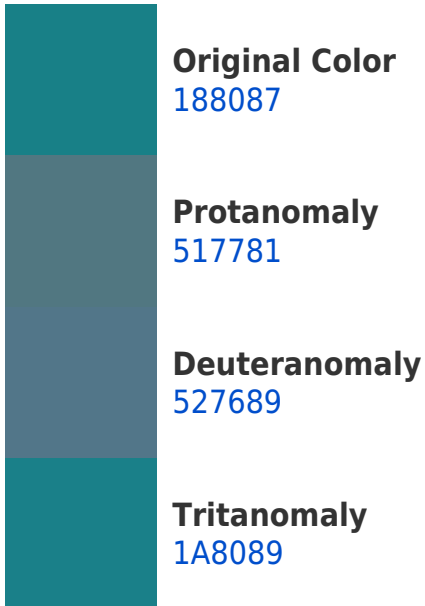
**Protanopia**  
72727E

**Deuteranopia**  
73718A

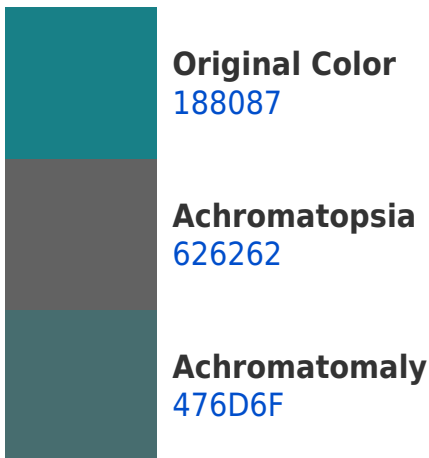


**Tritanopia**  
1B808A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 188087 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 #188087 looks like.

```
.text, #text, p{  
    color:#188087  
}
```

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 #188087 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #188087
}
```

## Border

The CSS property to change the border of an element to Hex 188087 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
#188087 }
```

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

```
.border{ border-color:#188087 }
```

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

Here you see how a box with a 4 pixel #188087 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #188087; -webkit-box-shadow:4px 4px  
4px 4px #188087; box-shadow:4px 4px 4px  
4px #188087 }
```

# Background

The CSS property to change the background color of an element to Hex 188087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#188087 }
```

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

```
.background{ background-color:#188087 }
```

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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