

Converting Colors

Hex(187988)

Have a look what the booklet for
Hex(187988) contains.

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Color

Hex(187988)

Conversions

Conversions Part 1

Format	Color
Hex	187988
RGB	24, 121, 136
RGB Percent	9%, 47%, 53%
CMY	0.9059, 0.5255, 0.4667
CMYK	0.82, 0.11, 0.00, 0.47
HSL	188°, 70%, 31%
HSV	188°, 82%, 53%
XYZ	11.6580, 15.6465, 25.6982
YIQ	93.7070, -62.6270, -15.8990

Conversions

Conversions Part 2

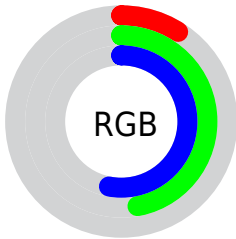
Format	Color
R _Y B	24, 76, 136
Decimal	1603976
CIE Lab	46.51, -21.00, -15.83
CIE LCh	47, 26.297, 217.002
Yxy	15.6465, 0.2200, 0.2952
Android (android.graphics.Color)	4279794056 (0xFF187988)
YUV	93.7070, 20.8504, -61.1330
Hunter-Lab	39.5557, -16.6142, -10.8301

Details

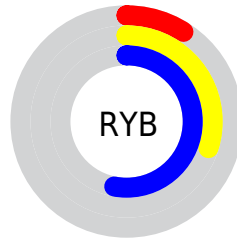
The Hex color **187988** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **882718**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **5AAEBD**, and **004856** is the 20% darker color. If you saturate the color by 10%, you get **0A7788**, and if you desaturate by 10%, it is **267B88**.

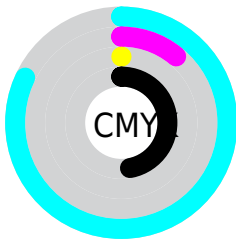
Distribution



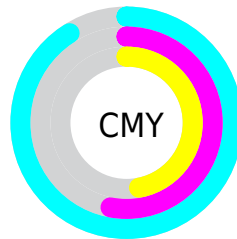
- Red (9%)
- Green (47%)
- Blue (53%)



- Red (9%)
- Yellow (30%)
- Blue (53%)



- Cyan (82%)
- Magenta (11%)
- Yellow (0%)
- Black (47%)



- Cyan (91%)
- Magenta (53%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 187988 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 187988 by changing the saturation by 10% instead.

■ 187988

■ 187988

FFFFFF

■ 00606F

■ 5AAEBD

■ 004856

■ 76C9D9

■ 00313F

■ 93E5F6

■ 001E29

■ B0FFFF

■ 000115

■ CDFFFF

■ 000000

■ EAFFFF

■ 187988

■ 187988

■ 0A7788

■ 267B88

■ 007688

■ 337D88

■ 417E88

■ 4E8088

■ 5C8288

■ 6A8488

■ 778688

■ 858888

■ 928988

Harmonies

Analogous

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



297A73



187988



327596

Triad

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



187988



8E6080



786F42

Complementary

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



187988



882718

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.



8B6746



187988



995D6A

Square

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



187988



786791



976055



60754A

Rectangle

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



187988



4B719A



976055



7F6C42

Sweetspot

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



187988



84AAB0



188827



3E5659



D9D9D9



595959

Same Dimension

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



187988



0299B0



184188



3E4445



007385



000405

Inverse Universe

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



881879



B00299



885F18



453E44



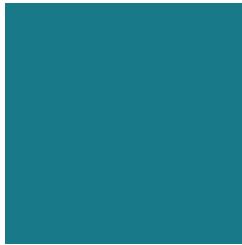
850073



050004

Previews

White Background



This preview shows how the Hex color 187988 looks on a white background.

Color Contrast Check

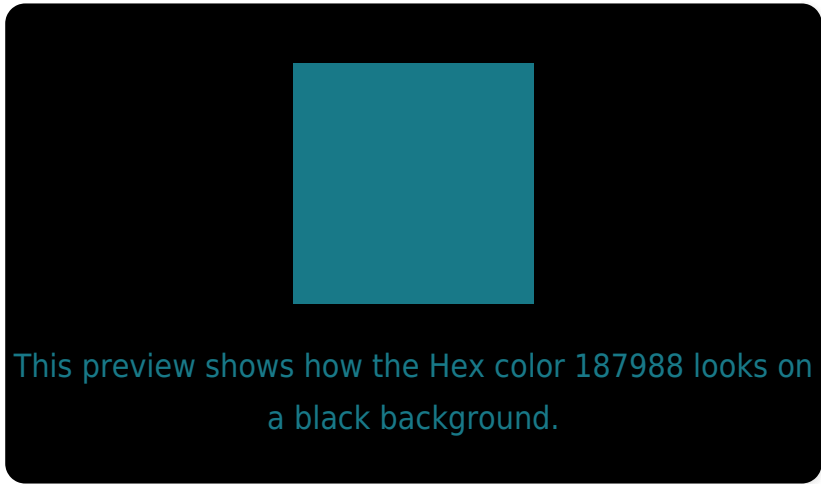
Large Text (above 18pt) WCAG AA ✓ Pass

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

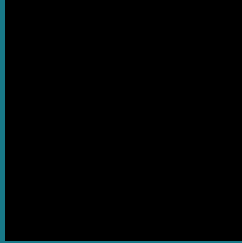
Any Text WCAG AA × Fail

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 187988 Background



This preview shows how black text looks on a background with the Hex color 187988.

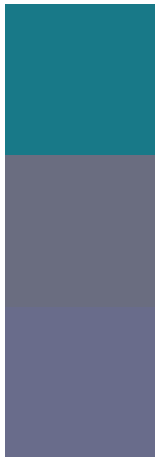


This preview shows how white text looks on a background with the Hex color 187988.

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
187988

Protanopia
6A6D80

Deuteranopia
696C8B



Tritanopia
127A84

Trichromacy



Original Color
187988

Protanomaly
4C7183

Deuteranomaly
4C718A

Tritanomaly
147A85

Monochromacy



Original Color
187988

Achromatopsia
5E5E5E

Achromatomaly
45686D

CSS Examples

Text

The CSS property to change the color of the text to Hex 187988 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 #187988 looks like.

```
.text, #text, p{  
    color:#187988  
}
```

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 #187988 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #187988
}
```

Border

The CSS property to change the border of an element to Hex 187988 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
#187988 }
```

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

```
.border{ border-color:#187988 }
```

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

Here you see how a box with a 4 pixel #187988 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #187988; -webkit-box-shadow:4px 4px  
4px 4px #187988; box-shadow:4px 4px 4px  
4px #187988 }
```

Background

The CSS property to change the background color of an element to Hex 187988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#187988 }
```

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

```
.background{ background-color:#187988 }
```

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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