

Converting Colors

Hex(187A8F)

Have a look what the booklet for
Hex(187A8F) contains.

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Color

Hex(187A8F)

Conversions

Conversions Part 1

Format	Color
Hex	187A8F
RGB	24, 122, 143
RGB Percent	9%, 48%, 56%
CMY	0.9059, 0.5216, 0.4392
CMYK	0.83, 0.15, 0.00, 0.44
HSL	191°, 71%, 33%
HSV	191°, 83%, 56%
XYZ	12.2941, 16.0964, 28.4456
YIQ	95.0920, -65.1490, -14.2450

Conversions

Conversions Part 2

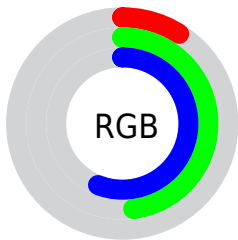
Format	Color
R_{YB}	24, 78, 143
Decimal	1604239
CIE _{Lab}	47.10, -19.12, -19.06
CIE _{LCh}	47, 26.997, 224.909
Yxy	16.0964, 0.2163, 0.2832
Android (android.graphics.Color)	4279794319 (0xFF187A8F)
YUV	95.0920, 23.6186, -62.3477
Hunter-Lab	40.1204, -15.5126, -13.9527

Details

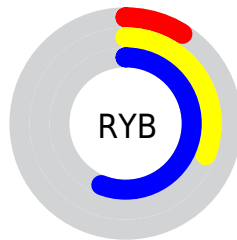
The Hex color **187A8F** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **8F2D18**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **5BAFC5**, and **00495D** is the 20% darker color. If you saturate the color by 10%, you get **0A778F**, and if you desaturate by 10%, it is **267D8F**.

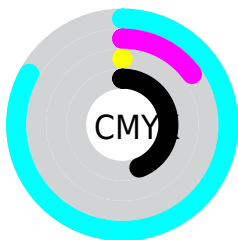
Distribution



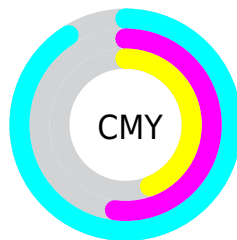
- Red (9%)
- Green (48%)
- Blue (56%)



- Red (9%)
- Yellow (31%)
- Blue (56%)



- Cyan (83%)
- Magenta (15%)
- Yellow (0%)
- Black (44%)



- Cyan (91%)
- Magenta (52%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 187A8F 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 187A8F by changing the saturation by 10% instead.

■ 187A8F

■ 187A8F

FFFFFF

■ 006175

■ 5BAFC5

■ 00495D

■ 78CAE1

■ 003245

■ 95E6FD

■ 001E2F

■ B1FFFF

■ 00011A

■ CEFFFF

■ 000000

■ ECFFFF

■ 187A8F

■ 187A8F

■ 0A778F

■ 267D8F

■ 00768F

■ 357F8F

■ 43828F

■ 51848F

■ 60878F

■ 6E898F

■ 7C8C8F

■ 8A8E8F

■ 99918F

Harmonies

Analogous

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



1F7C7B



187A8F



3B759B

Triad

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



187A8F



955F7C



737243

Complementary

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



187A8F



8F2D18

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.



896A44



187A8F



9C5E65

Square

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



187A8F



816690



976351



5A784F

Rectangle

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



187A8F



55719D



976351



7B7042

Sweetspot

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



187A8F



8CB2BA



188F2C



42595E



DEDEDE



5E5E5E

Same Dimension

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



187A8F



0099BA



18408F



404647



006F87



000608

Inverse Universe

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



8F187A



BA0099



8F6718



474046



87006F



080006

Previews

White Background



This preview shows how the Hex color 187A8F looks on a white background.

Color Contrast Check

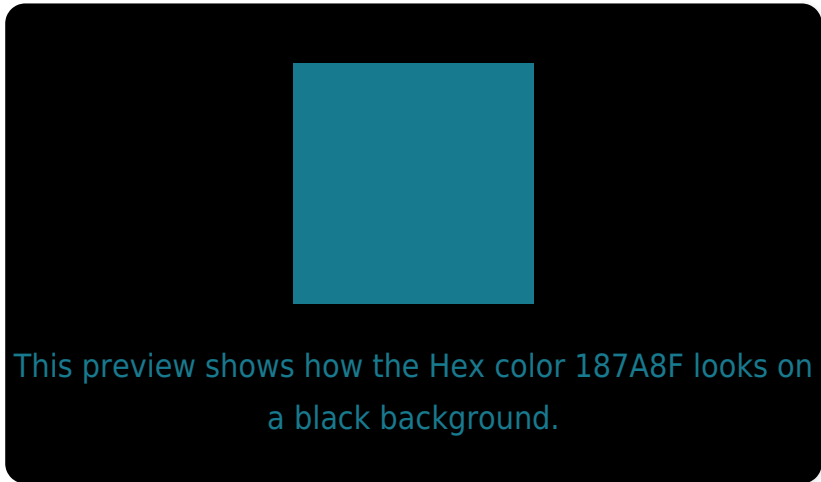
Large Text (above 18pt) WCAG AA ✓ Pass

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

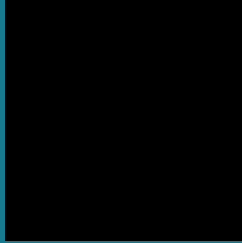
Any Text WCAG AA × Fail

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 187A8F Background



This preview shows how black text looks on a background with the Hex color 187A8F.

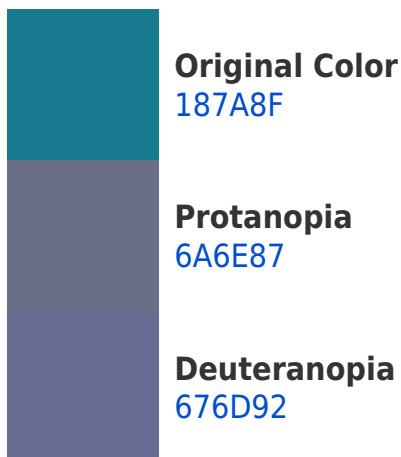


This preview shows how white text looks on a background with the Hex color 187A8F.

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](#).

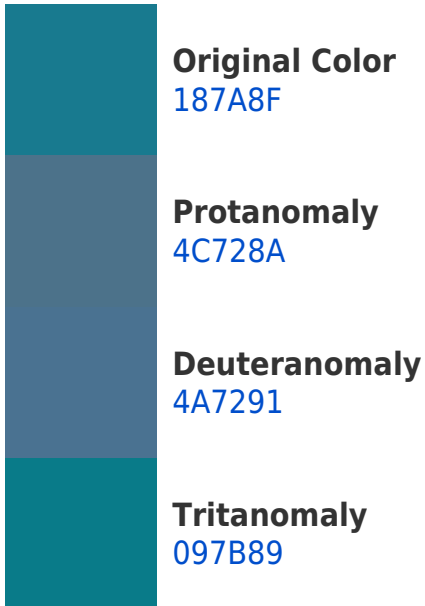
Dichromacy



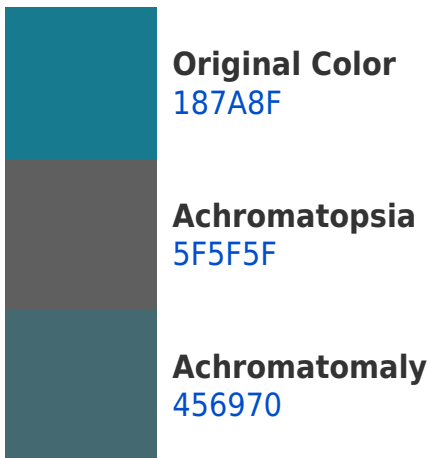


Tritanopia
007C86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 187A8F 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 #187A8F looks like.

```
.text, #text, p{  
    color:#187A8F  
}
```

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 #187A8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #187A8F
}
```

Border

The CSS property to change the border of an element to Hex 187A8F 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
#187A8F }
```

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

```
.border{ border-color:#187A8F }
```

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

Here you see how a box with a 4 pixel #187A8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #187A8F; -webkit-box-shadow:4px 4px  
4px 4px #187A8F; box-shadow:4px 4px 4px  
4px #187A8F }
```

Background

The CSS property to change the background color of an element to Hex 187A8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#187A8F }
```

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

```
.background{ background-color:#187A8F }
```

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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