

Converting Colors

Hex(187A76)

Have a look what the booklet for
Hex(187A76) contains.

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Color

Hex(187A76)

Conversions

Conversions Part 1

Format	Color
Hex	187A76
RGB	24, 122, 118
RGB Percent	9%, 48%, 46%
CMY	0.9059, 0.5216, 0.5373
CMYK	0.80, 0.00, 0.03, 0.52
HSL	178°, 67%, 29%
HSV	178°, 80%, 48%
XYZ	10.6062, 15.4213, 19.5571
YIQ	92.2420, -57.1240, -22.0200

Conversions

Conversions Part 2

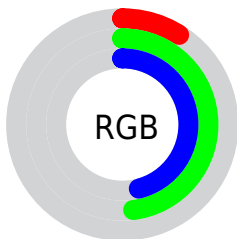
Format	Color
RYB	24, 74, 122
Decimal	1604214
CIELab	46.21, -27.41, -5.59
CIELCh	46, 27.974, 191.532
Yxy	15.4213, 0.2327, 0.3383
Android (android.graphics.Color)	4279794294 (0xFF187A76)
YUV	92.2420, 12.6987, -59.8482
Hunter-Lab	39.2699, -20.5121, -2.0386

Details

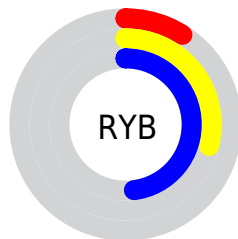
The Hex color **187A76** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7A181C**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **58AFAA**, and **004946** is the 20% darker color. If you saturate the color by 10%, you get **0C7A76**, and if you desaturate by 10%, it is **247A76**.

Distribution



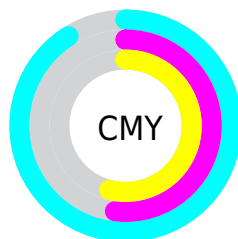
- Red (9%)
- Green (48%)
- Blue (46%)



- Red (9%)
- Yellow (29%)
- Blue (48%)



- Cyan (80%)
- Magenta (0%)
- Yellow (3%)
- Black (52%)



- Cyan (91%)
- Magenta (52%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 187A76 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 187A76 by changing the saturation by 10% instead.

 187A76

 187A76

FFFFFF

 00615D

 58AFAA

 004946

 74CBC5

 003130

 90E7E1

 001F1B

 ACFFFE

 000000

 C9FFFF

 E6FFFF

 187A76

 187A76

 0C7A76

 247A76

■ 007A75

■ 307A77

■ 3D7A77

■ 497A78

■ 557A78

■ 617A79

■ 6D7A79

■ 7A7A7A

■ 867A7A

Harmonies

Analogous

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



3C795E



187A76



00788C

Triad

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



187A76



7C6491



896741

Complementary

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



187A76



7A181C

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.



975F4F



187A76



925D7D

Square

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



187A76



5A6D9B



9B5B65



746F3F

Rectangle

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



187A76



217696



9B5B65



8F6445

Sweetspot

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



187A76



789E9D



1D7A18



384F4E



CFCFCF



4F4F4F

Same Dimension

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



187A76



069E98



184E7A



373D3D



007D78



00FCF2

Inverse Universe

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



7A181C



9E060D



7A4418



3D3737



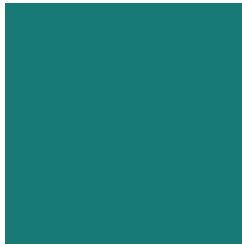
7D0005



FC000A

Previews

White Background



This preview shows how the Hex color 187A76 looks on a white background.

Color Contrast Check

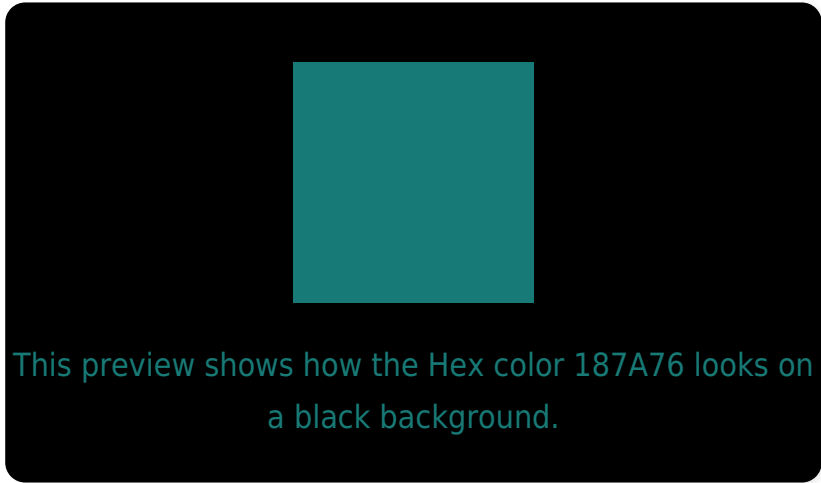
Large Text (above 18pt) WCAG AA ✓ Pass

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

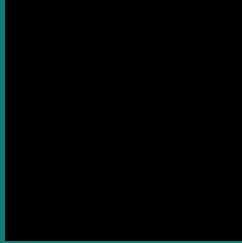
Any Text WCAG AA × Fail

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 187A76 Background



This preview shows how black text looks on a background with the Hex color 187A76.



This preview shows how white text looks on a background with the Hex color 187A76.

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



Trichromacy



Original Color
187A76



Protanomaly
4F7171



Deuteranomaly
517079



Tritanomaly
1E797E

Monochromacy



Original Color
187A76



Achromatopsia
5C5C5C



Achromatomaly
436765

CSS Examples

Text

The CSS property to change the color of the text to Hex 187A76 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 #187A76 looks like.

```
.text, #text, p{  
    color:#187A76  
}
```

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 #187A76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #187A76
}
```

Border

The CSS property to change the border of an element to Hex 187A76 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
#187A76 }
```

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

```
.border{ border-color:#187A76 }
```

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

Here you see how a box with a 4 pixel #187A76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #187A76; -webkit-box-shadow:4px 4px  
4px 4px #187A76; box-shadow:4px 4px 4px  
4px #187A76 }
```

Background

The CSS property to change the background color of an element to Hex 187A76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#187A76 }
```

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

```
.background{ background-color:#187A76 }
```

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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