

Converting Colors

Hex(187A74)

Have a look what the booklet for
Hex(187A74) contains.

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Color

Hex(187A74)

Conversions

Conversions Part 1

Format	Color
Hex	187A74
RGB	24, 122, 116
RGB Percent	9%, 48%, 45%
CMY	0.9059, 0.5216, 0.5451
CMYK	0.80, 0.00, 0.05, 0.52
HSL	176°, 67%, 29%
HSV	176°, 80%, 48%
XYZ	10.4886, 15.3742, 18.9377
YIQ	92.0140, -56.4820, -22.6420

Conversions

Conversions Part 2

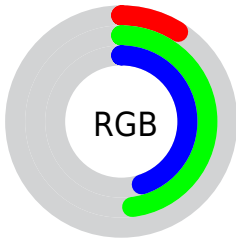
Format	Color
R_{YB}	24, 75, 122
Decimal	1604212
CIE _{Lab}	46.14, -28.03, -4.50
CIE _{LCh}	46, 28.388, 189.116
Yxy	15.3742, 0.2341, 0.3432
Android (android.graphics.Color)	4279794292 (0xFF187A74)
YUV	92.0140, 11.8251, -59.6483
Hunter-Lab	39.2100, -20.8689, -1.1890

Details

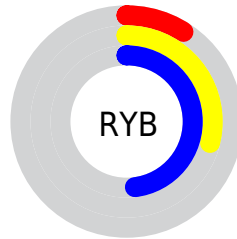
The Hex color **187A74** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7A181E**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **57AFA8**, and **004944** is the 20% darker color. If you saturate the color by 10%, you get **0C7A73**, and if you desaturate by 10%, it is **247A75**.

Distribution



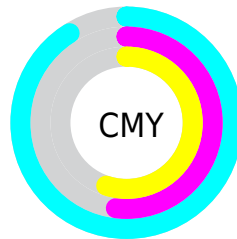
- Red (9%)
- Green (48%)
- Blue (45%)



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



- Cyan (80%)
- Magenta (0%)
- Yellow (5%)
- Black (52%)



- Cyan (91%)
- Magenta (52%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 187A74 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 187A74 by changing the saturation by 10% instead.

■ 187A74

■ 187A74

FFFFFF

■ 00615B

■ 57AFA8

■ 004944

■ 74CBC3

■ 00312E

■ 90E7DF

■ 001E19

■ ACFFFC

■ 000000

■ C9FFF

■ E6FFF

■ 187A74

■ 187A74

■ 0C7A73

■ 247A75

■ 007A73

■ 307A75

■ 3D7A76

■ 497A77

■ 557A78

■ 617A78

■ 6D7A79

■ 7A7A7A

■ 867A7B

Harmonies

Analogous

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



3E795C



187A74



00798B

Triad

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



187A74



796492



8B6641

Complementary

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



187A74



7A181E

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.



985E50



187A74



915D7F

Square

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



187A74



566D9C



9B5B67



766E3E

Rectangle

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



187A74



197695



9B5B67



906345

Sweetspot

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



187A74



789E9C



1F7A18



384F4E



CFCFCF



4F4F4F

Same Dimension

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



187A74



069E95



18507A



373D3D



007D75



00FCED

Inverse Universe

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



7A181E



9E0610



7A4218



3D3737



7D0008



FC000F

Previews

White Background



This preview shows how the Hex color 187A74 looks on a white background.

Color Contrast Check

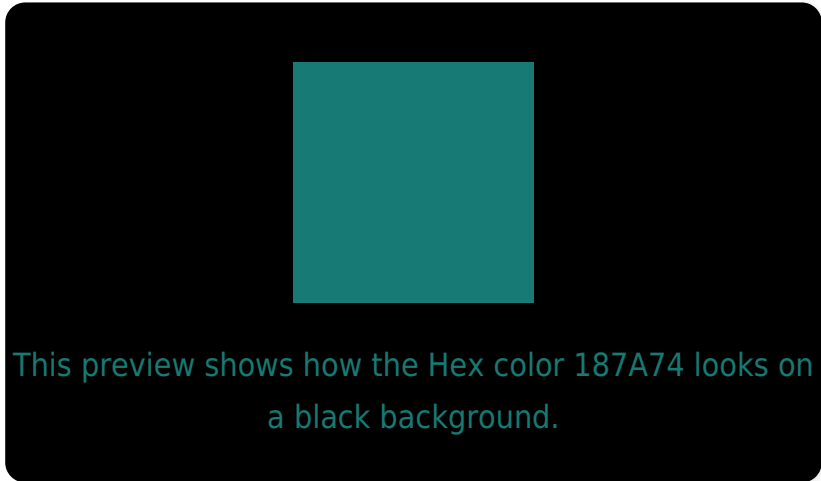
Large Text (above 18pt) WCAG AA ✓ Pass

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

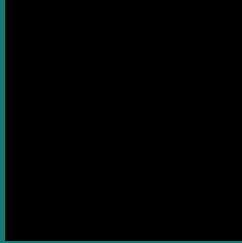
Any Text WCAG AA × Fail

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 187A74 Background



This preview shows how black text looks on a background with the Hex color 187A74.



This preview shows how white text looks on a background with the Hex color 187A74.

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
187A74

Protanopia
6F6C6C

Deuteranopia
726A78

Trichromacy



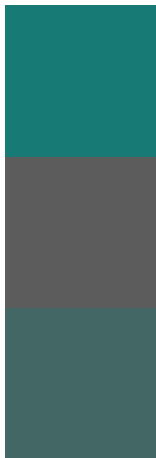
Original Color
187A74

Protanomaly
4F716F

Deuteranomaly
517077

Tritanomaly
1F797D

Monochromacy



Original Color
187A74

Achromatopsia
5C5C5C

Achromatomaly
436765

CSS Examples

Text

The CSS property to change the color of the text to Hex 187A74 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 #187A74 looks like.

```
.text, #text, p{  
    color:#187A74  
}
```

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 #187A74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #187A74
}
```

Border

The CSS property to change the border of an element to Hex 187A74 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
#187A74 }
```

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

```
.border{ border-color:#187A74 }
```

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

Here you see how a box with a 4 pixel #187A74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #187A74; -webkit-box-shadow:4px 4px  
4px 4px #187A74; box-shadow:4px 4px 4px  
4px #187A74 }
```

Background

The CSS property to change the background color of an element to Hex 187A74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#187A74 }
```

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

```
.background{ background-color:#187A74 }
```

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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