

Converting Colors

Hex(167F68)

Have a look what the booklet for
Hex(167F68) contains.

Hex(167F68)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(167F68)

Conversions

Conversions Part 1

Format	Color
Hex	167F68
RGB	22, 127, 104
RGB Percent	9%, 50%, 41%
CMY	0.9137, 0.5020, 0.5922
CMYK	0.83, 0.00, 0.18, 0.50
HSL	167°, 70%, 29%
HSV	167°, 83%, 50%
XYZ	10.4189, 16.3488, 15.7032
YIQ	92.9830, -55.1970, -29.4130

Conversions

Conversions Part 2

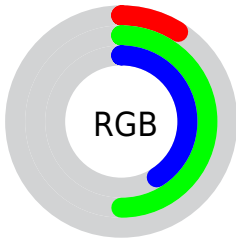
Format	Color
RYB	22, 81, 127
Decimal	1474408
CIELab	47.43, -34.11, 4.48
CIELCh	47, 34.399, 172.522
Yxy	16.3488, 0.2453, 0.3849
Android (android.graphics.Color)	4279664488 (0xFF167F68)
YUV	92.9830, 5.4314, -62.2521
Hunter-Lab	40.4336, -24.7630, 5.2771

Details

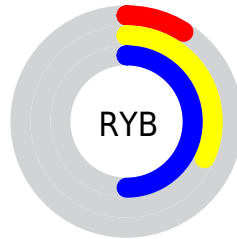
The Hex color **167F68** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **7F162D**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **57B49B**, and **004D39** is the 20% darker color. If you saturate the color by 10%, you get **097F65**, and if you desaturate by 10%, it is **237F6B**.

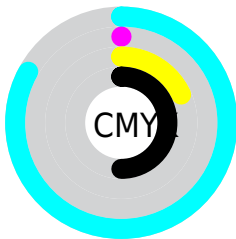
Distribution



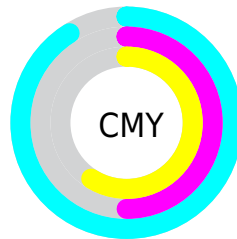
- Red (9%)
- Green (50%)
- Blue (41%)



- Red (9%)
- Yellow (32%)
- Blue (50%)



- Cyan (83%)
- Magenta (0%)
- Yellow (18%)
- Black (50%)



- Cyan (91%)
- Magenta (50%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 167F68 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 167F68 by changing the saturation by 10% instead.

 167F68

 167F68

FFFFFF

 006550


 57B49B

 004D39

 73D0B6

 003524

 8FEDD1

 00220E

 ABFFEE

 000000

 C8FFFF

 E5FFFF

 167F68

 167F68

 097F65

 237F6B

■ 007F63

■ 2F7F6E

■ 3C7F70

■ 497F73

■ 567F76

■ 627F79

■ 6F7F7B

■ 7C7F7E

■ 887F81

Harmonies

Analogous

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



4A7C4C



167F68



007F86

Triad

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



167F68



686CA6



9D6243

Complementary

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



167F68



7F162D

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.



A75A5C



167F68



8E6194

Square

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



167F68



2E76AA



A35979



896C36

Rectangle

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



167F68



007E97



A35979



A25F4B

Sweetspot

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



167F68



7CA69D



2F7F16



3B544F



D4D4D4



545454

Same Dimension

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



167F68



02A682



16637F



39403E



008064



000000

Inverse Universe

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



7F162D



A60226



7F3216



40393B



80001C



000000

Previews

White Background



This preview shows how the Hex color 167F68 looks on a white background.

Color Contrast Check

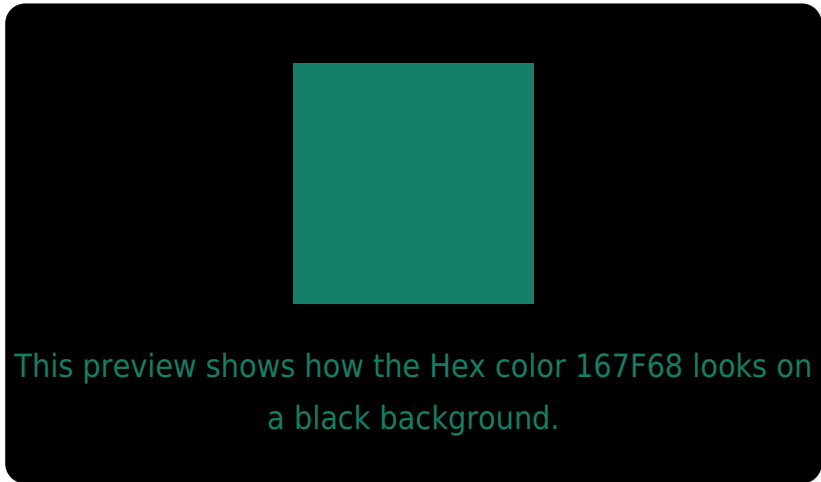
Large Text (above 18pt) WCAG AA ✓ Pass

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

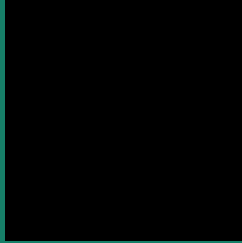
Any Text WCAG AA × Fail

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 167F68 Background



This preview shows how black text looks on a background with the Hex color 167F68.

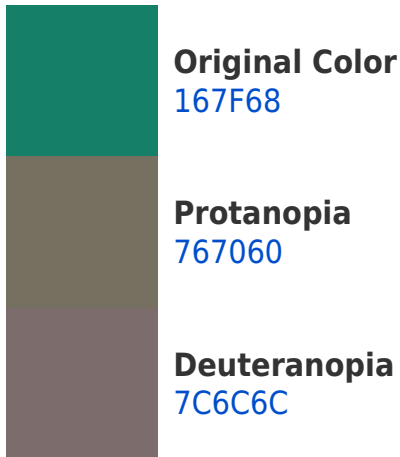


This preview shows how white text looks on a background with the Hex color 167F68.

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
2A7B85

Trichromacy



Original Color
167F68



Protanomaly
537563



Deuteranomaly
57736B



Tritanomaly
237C7A

Monochromacy



Original Color
167F68



Achromatopsia
5D5D5D



Achromatomaly
436961

CSS Examples

Text

The CSS property to change the color of the text to Hex 167F68 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 #167F68 looks like.

```
.text, #text, p{  
    color:#167F68  
}
```

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 #167F68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #167F68  
}
```

Border

The CSS property to change the border of an element to Hex 167F68 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  
#167F68 }
```

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

```
.border{ border-color:#167F68 }
```

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

Here you see how a box with a 4 pixel #167F68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #167F68; -webkit-box-shadow:4px 4px  
4px 4px #167F68; box-shadow:4px 4px 4px  
4px #167F68 }
```

Background

The CSS property to change the background color of an element to Hex 167F68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#167F68 }
```

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

```
.background{ background-color:#167F68 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor