

Converting Colors

Hex(167C68)

Have a look what the booklet for
Hex(167C68) contains.

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Color

Hex(167C68)

Conversions

Conversions Part 1

Format	Color
Hex	167C68
RGB	22, 124, 104
RGB Percent	9%, 49%, 41%
CMY	0.9137, 0.5137, 0.5922
CMYK	0.82, 0.00, 0.16, 0.51
HSL	168°, 70%, 29%
HSV	168°, 82%, 49%
XYZ	10.0372, 15.5854, 15.5760
YIQ	91.2220, -54.3720, -27.8440

Conversions

Conversions Part 2

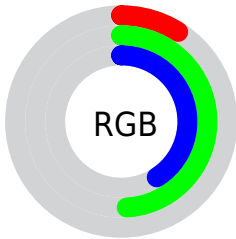
Format	Color
RYB	22, 79, 124
Decimal	1473640
CIELab	46.43, -32.74, 3.03
CIELCh	46, 32.881, 174.710
Yxy	15.5854, 0.2436, 0.3783
Android (android.graphics.Color)	4279663720 (0xFF167C68)
YUV	91.2220, 6.2996, -60.7077
Hunter-Lab	39.4783, -23.7040, 4.2422

Details

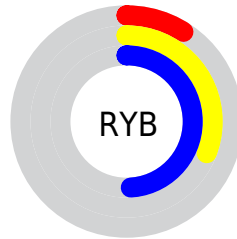
The Hex color **167C68** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7C162A**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **56B19B**, and **004A39** is the 20% darker color. If you saturate the color by 10%, you get **0A7C66**, and if you desaturate by 10%, it is **227C6A**.

Distribution



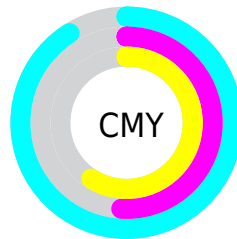
- Red (9%)
- Green (49%)
- Blue (41%)



- Red (9%)
- Yellow (31%)
- Blue (49%)



- Cyan (82%)
- Magenta (0%)
- Yellow (16%)
- Black (51%)



- Cyan (91%)
- Magenta (51%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 167C68 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 167C68 by changing the saturation by 10% instead.

 167C68

 167C68

FFFFFF

 006350

 56B19B

 004A39

 72CDB6

 003324

 8EE9D1

 001F0E

 AAFEE

 000000

 C7FFF

 E4FFF

 167C68

 167C68

 0A7C66

 227C6A

■ 007C64

■ 2F7C6D

■ 3B7C6F

■ 487C72

■ 547C74

■ 607C77

■ 6D7C79

■ 797C7B

■ 867C7E

Harmonies

Analogous

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



47794D



167C68



007C84

Triad

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



167C68



6969A0



986142

Complementary

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



167C68



7C162A

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.



A25958



167C68



8C5E8E

Square

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



167C68



3672A5



9F5874



836B36

Rectangle

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



167C68



007A94



9F5874



9D5E48

Sweetspot

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



167C68



78A199



2A7C16



39524D



D1D1D1



525252

Same Dimension

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



167C68



02A181



165D7C



373D3C



007D64



00FCCB

Inverse Universe

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



7C162A



A10221



7C3516



3D3738



7D0019



FC0032

Previews

White Background



This preview shows how the Hex color 167C68 looks on a white background.

Color Contrast Check

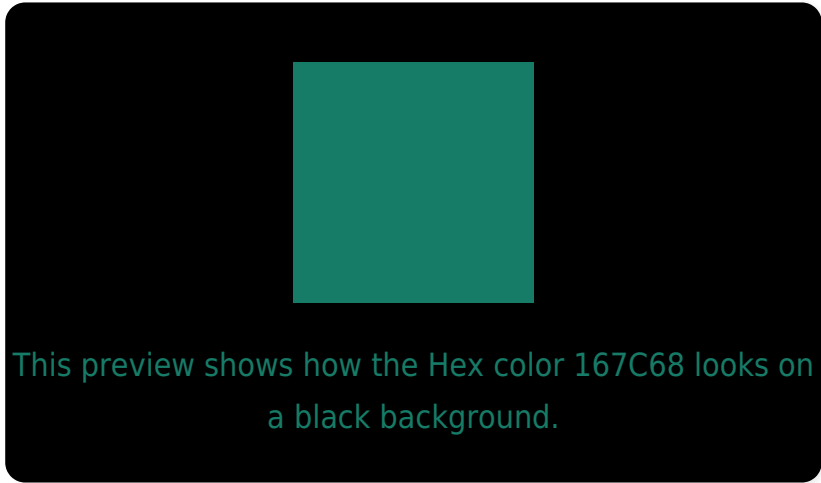
Large Text (above 18pt) WCAG AA ✓ Pass

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

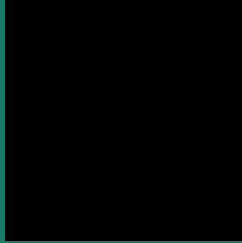
Any Text WCAG AA × Fail

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 167C68 Background



This preview shows how black text looks on a background with the Hex color 167C68.

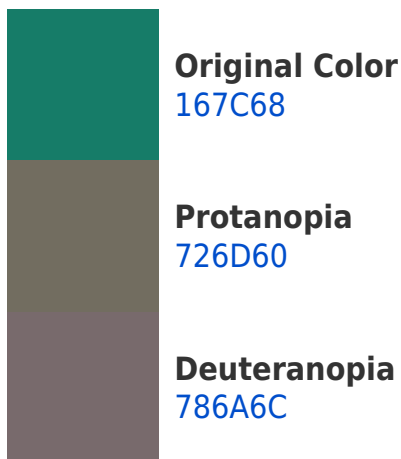


This preview shows how white text looks on a background with the Hex color 167C68.

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
167C68



Protanomaly
517263



Deuteranomaly
54716B



Tritanomaly
227979

Monochromacy



Original Color
167C68



Achromatopsia
5B5B5B



Achromatomaly
426760

CSS Examples

Text

The CSS property to change the color of the text to Hex 167C68 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 #167C68 looks like.

```
.text, #text, p{  
    color:#167C68  
}
```

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 #167C68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #167C68
}
```

Border

The CSS property to change the border of an element to Hex 167C68 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
#167C68 }
```

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

```
.border{ border-color:#167C68 }
```

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

Here you see how a box with a 4 pixel #167C68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #167C68; -webkit-box-shadow:4px 4px  
4px 4px #167C68; box-shadow:4px 4px 4px  
4px #167C68 }
```

Background

The CSS property to change the background color of an element to Hex 167C68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#167C68 }
```

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

```
.background{ background-color:#167C68 }
```

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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