

Converting Colors

Hex(168B67)

Have a look what the booklet for
Hex(168B67) contains.

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Color

Hex(168B67)

Conversions

Conversions Part 1

Format	Color
Hex	168B67
RGB	22, 139, 103
RGB Percent	9%, 55%, 40%
CMY	0.9137, 0.4549, 0.5961
CMYK	0.84, 0.00, 0.26, 0.45
HSL	162°, 73%, 32%
HSV	162°, 84%, 55%
XYZ	12.0117, 19.6151, 15.9850
YIQ	99.9130, -58.1760, -36.0000

Conversions

Conversions Part 2

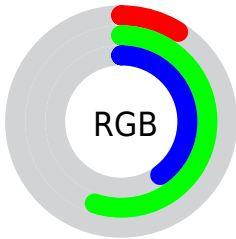
Format	Color
RYB	22, 91, 139
Decimal	1477479
CIELab	51.40, -39.60, 10.70
CIELCh	51, 41.019, 164.881
Yxy	19.6151, 0.2523, 0.4120
Android (android.graphics.Color)	4279667559 (0xFF168B67)
YUV	99.9130, 1.5219, -68.3297
Hunter-Lab	44.2889, -29.0943, 9.6030

Details

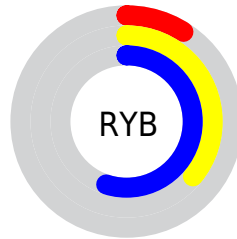
The Hex color **168B67** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8B163A**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **59C19A**, and **005838** is the 20% darker color. If you saturate the color by 10%, you get **088B63**, and if you desaturate by 10%, it is **248B6B**.

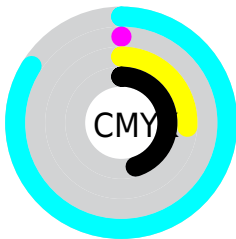
Distribution



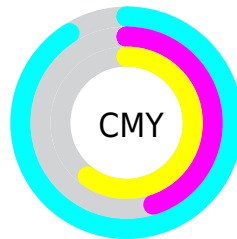
- Red (9%)
- Green (55%)
- Blue (40%)



- Red (9%)
- Yellow (36%)
- Blue (55%)



- Cyan (84%)
- Magenta (0%)
- Yellow (26%)
- Black (45%)



- Cyan (91%)
- Magenta (45%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 168B67 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 168B67 by changing the saturation by 10% instead.



168B67



168B67

FFFFFF



00714F



59C19A



005838



76DEB5



004022



92FAD1



002A0D



AFF FED



000A00



CCFFFF



000000



E AFFFF



168B67



168B67



088B63



248B6B

■ 008B60

■ 328B70

■ 408B74

■ 4E8B78

■ 5C8B7C

■ 698B81

■ 778B85

■ 858B89

■ 938B8D

Harmonies

Analogous

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



578647



168B67



008C8B

Triad

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



168B67



5F78BE



B4654A

Complementary

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



168B67



8B163A

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.



BC5D6A



168B67



936AAC

Square

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



168B67



0083BE



B25F8E



9E7235

Rectangle

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



168B67



008BA2



B25F8E



B96254

Sweetspot

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



168B67



88B5A7



3B8B16



405C53



DBDBDB



5C5C5C

Same Dimension

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



168B67



00B57D



16768B



3E4543



00855C



000504

Inverse Universe

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



8B163A



B50038



8B2B16



453E40



850029



050002

Previews

White Background



This preview shows how the Hex color 168B67 looks on a white background.

Color Contrast Check

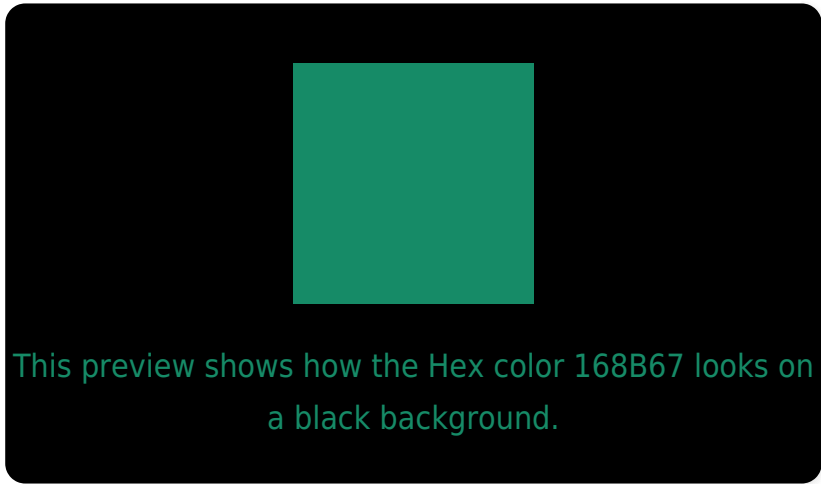
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

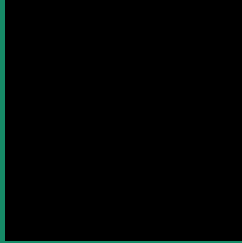
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 168B67 Background



This preview shows how black text looks on a background with the Hex color 168B67.

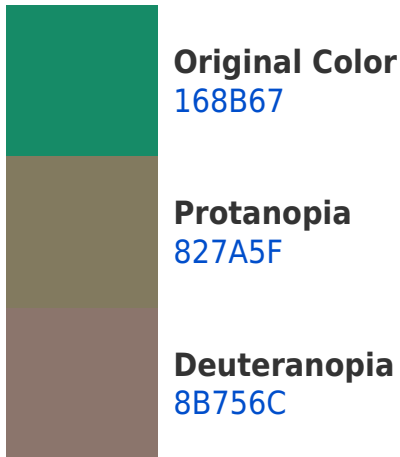


This preview shows how white text looks on a background with the Hex color 168B67.

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
318690

Trichromacy



Original Color
168B67



Protanomaly
5B8062



Deuteranomaly
607D6A



Tritanomaly
278881

Monochromacy



Original Color
168B67



Achromatopsia
646464



Achromatomaly
487265

CSS Examples

Text

The CSS property to change the color of the text to Hex 168B67 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 #168B67 looks like.

```
.text, #text, p{  
    color:#168B67  
}
```

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 #168B67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #168B67
}
```

Border

The CSS property to change the border of an element to Hex 168B67 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
#168B67 }
```

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

```
.border{ border-color:#168B67 }
```

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

Here you see how a box with a 4 pixel #168B67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #168B67; -webkit-box-shadow:4px 4px  
4px 4px #168B67; box-shadow:4px 4px 4px  
4px #168B67 }
```

Background

The CSS property to change the background color of an element to Hex 168B67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#168B67 }
```

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

```
.background{ background-color:#168B67 }
```

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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