

Converting Colors

Hex(008B6B)

Have a look what the booklet for
Hex(008B6B) contains.

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Color

Hex(008B6B)

Conversions

Conversions Part 1

Format	Color
Hex	008B6B
RGB	0, 139, 107
RGB Percent	0%, 55%, 42%
CMY	1.0000, 0.4549, 0.5804
CMYK	1.00, 0.00, 0.23, 0.45
HSL	166°, 100%, 27%
HSV	166°, 100%, 55%
XYZ	11.8865, 19.5268, 17.0525
YIQ	93.7910, -72.5720, -39.4200

Conversions

Conversions Part 2

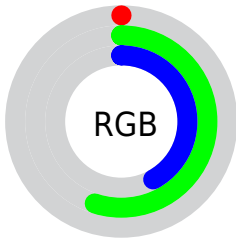
Format	Color
RYB	0, 79, 139
Decimal	35691
CIELab	51.30, -40.04, 8.23
CIELCh	51, 40.874, 168.390
Yxy	19.5268, 0.2453, 0.4029
Android (android.graphics.Color)	4278225771 (0xFF008B6B)
YUV	93.7910, 6.5120, -82.2547
Hunter-Lab	44.1891, -29.3161, 8.0525

Details

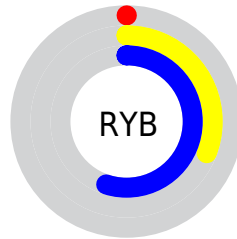
The Hex color **008B6B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8B0020**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **53C19E**, and **00583C** is the 20% darker color. If you saturate the color by 10%, you get **008B6B**, and if you desaturate by 10%, it is **0E8B6E**.

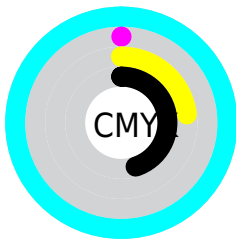
Distribution



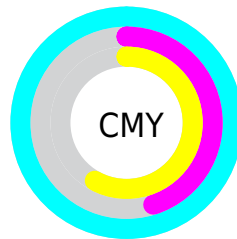
- Red (0%)
- Green (55%)
- Blue (42%)



- Red (0%)
- Yellow (31%)
- Blue (55%)



- Cyan (100%)
- Magenta (0%)
- Yellow (23%)
- Black (45%)



- Cyan (100%)
- Magenta (45%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008B6B 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 008B6B by changing the saturation by 10% instead.

 008B6B

 008B6B

FFFFFF

 007153

 53C19E

 00583C

 70DEB9

 003F26

 8DFAD5

 002A11

 AAFFF1

 000900

 C7FFFF

 000000

 E5FFFF

 008B6B

 0E8B6E

 1C8B71

 2A8B75

 388B78

 468B7B

 538B7E

 618B81

 6F8B85

 7D8B88

Harmonies

Analogous

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



51874A



008B6B



008C8F

Triad

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



008B6B



6676BC



B26747

Complementary

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



008B6B



8B0020

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.



BC5D66



008B6B



9869A9

Square

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



008B6B



0082BE



B45E89



9A7434

Rectangle

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



008B6B



008AA5



B45E89



B76351

Sweetspot

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



008B6B



7FB5A9



208B00



3B5C54



DBDBDB



5C5C5C

Same Dimension

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



008B6B



00B58B



00668B



3E4543



008566



000504

Inverse Universe

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



8B0020



B5002A



8B2500



453E40



85001F



050001

Previews

White Background



This preview shows how the Hex color 008B6B looks on a white background.

Color Contrast Check

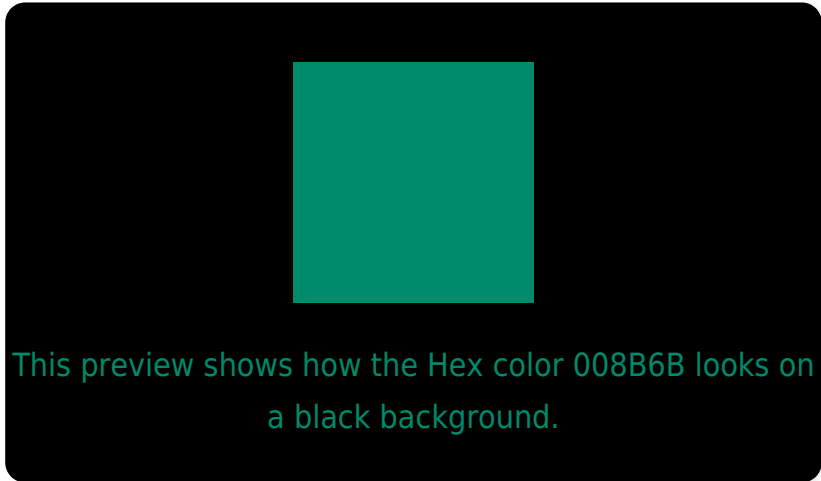
Large Text (above 18pt) WCAG AA ✓ Pass

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

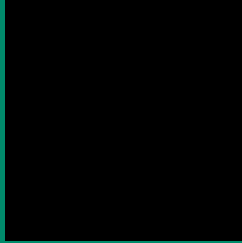
Any Text WCAG AA ✓ Pass

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 008B6B Background



This preview shows how black text looks on a background with the Hex color 008B6B.

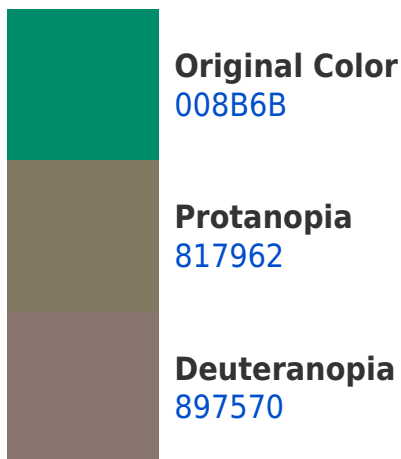


This preview shows how white text looks on a background with the Hex color 008B6B.

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
2C8691

Trichromacy



Original Color
008B6B



Protanomaly
528065



Deuteranomaly
577D6E



Tritanomaly
1C8883

Monochromacy



Original Color
008B6B



Achromatopsia
5E5E5E



Achromatomaly
3C6E63

CSS Examples

Text

The CSS property to change the color of the text to Hex 008B6B 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 #008B6B looks like.

```
.text, #text, p{  
    color:#008B6B  
}
```

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 #008B6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008B6B
}
```

Border

The CSS property to change the border of an element to Hex 008B6B 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
#008B6B }
```

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

```
.border{ border-color:#008B6B }
```

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

Here you see how a box with a 4 pixel #008B6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008B6B; -webkit-box-shadow:4px 4px  
4px 4px #008B6B; box-shadow:4px 4px 4px  
4px #008B6B }
```

Background

The CSS property to change the background color of an element to Hex 008B6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008B6B }
```

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

```
.background{ background-color:#008B6B }
```

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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