

Converting Colors

Hex(00876B)

Have a look what the booklet for
Hex(00876B) contains.

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Color

Hex(00876B)

Conversions

Conversions Part 1

Format	Color
Hex	00876B
RGB	0, 135, 107
RGB Percent	0%, 53%, 42%
CMY	1.0000, 0.4706, 0.5804
CMYK	1.00, 0.00, 0.21, 0.47
HSL	168°, 100%, 26%
HSV	168°, 100%, 53%
XYZ	11.3178, 18.3895, 16.8629
YIQ	91.4430, -71.4720, -37.3280

Conversions

Conversions Part 2

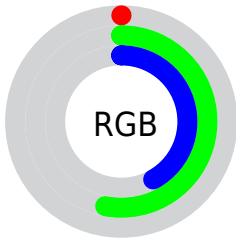
Format	Color
RYB	0, 75, 135
Decimal	34667
CIELab	49.97, -38.35, 6.33
CIELCh	50, 38.865, 170.628
Yxy	18.3895, 0.2430, 0.3949
Android (android.graphics.Color)	4278224747 (0xFF00876B)
YUV	91.4430, 7.6696, -80.1955
Hunter-Lab	42.8830, -27.9349, 6.7034

Details

The Hex color **00876B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **87001C**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **52BD9E**, and **00543C** is the 20% darker color. If you saturate the color by 10%, you get **00876B**, and if you desaturate by 10%, it is **0D876E**.

Distribution



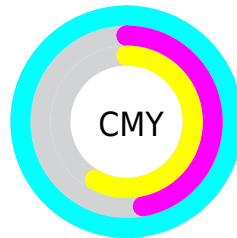
- Red (0%)
- Green (53%)
- Blue (42%)



- Red (0%)
- Yellow (29%)
- Blue (53%)



- Cyan (100%)
- Magenta (0%)
- Yellow (21%)
- Black (47%)



- Cyan (100%)
- Magenta (47%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00876B 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 00876B by changing the saturation by 10% instead.

 00876B

 00876B

FFFFFF

 006D53

 52BD9E

 00543C

 6FD9B9

 003C26

 8CF6D5

 002711

 A8FFF1

 000000

 C5FFFF

 E3FFFF

 00876B

 0D876E

 1B8771

 298773

 368776

 448779

 51877C

 5E877F

 6C8781

 7A8784

Harmonies

Analogous

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



4D834B



00876B



00888D

Triad

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



00876B



6972B5



AA6545

Complementary

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



00876B



87001C

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.



B55C61



00876B



9665A1

Square

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



00876B



167DB8



AF5C83



937134

Rectangle

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



00876B



0086A1



AF5C83



B0624D

Sweetspot

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



00876B



7BB0A5



1D8700



395953



D9D9D9



595959

Same Dimension

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



00876B



00B08B



006187



3C4241



008267



000302

Inverse Universe

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



87001C



B00024



872600



423C3D



82001B



030001

Previews

White Background



This preview shows how the Hex color 00876B looks on a white background.

Color Contrast Check

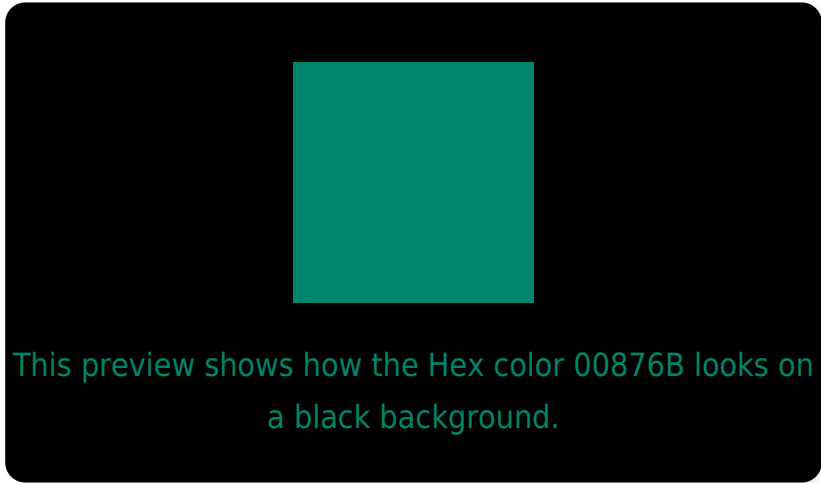
Large Text (above 18pt) WCAG AA ✓ Pass

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 00876B Background



This preview shows how black text looks on a background with the Hex color 00876B.



This preview shows how white text looks on a background with the Hex color 00876B.

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
00876B

Protanopia
7D7662

Deuteranopia
847270



Tritanopia
29828D

Trichromacy



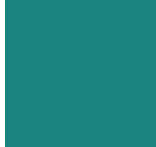
Original Color
00876B



Protanomaly
507C65



Deuteranomaly
547A6E



Tritanomaly
1A8481

Monochromacy



Original Color
00876B



Achromatopsia
5B5B5B



Achromatomaly
3A6B61

CSS Examples

Text

The CSS property to change the color of the text to Hex 00876B 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 #00876B looks like.

```
.text, #text, p{  
    color:#00876B  
}
```

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 #00876B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00876B
}
```

Border

The CSS property to change the border of an element to Hex 00876B 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
#00876B }
```

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

```
.border{ border-color:#00876B }
```

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

Here you see how a box with a 4 pixel #00876B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00876B; -webkit-box-shadow:4px 4px  
4px 4px #00876B; box-shadow:4px 4px 4px  
4px #00876B }
```

Background

The CSS property to change the background color of an element to Hex 00876B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00876B }
```

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

```
.background{ background-color:#00876B }
```

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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