

Converting Colors

Hex(00916E)

Have a look what the booklet for
Hex(00916E) contains.

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Color

Hex(00916E)

Conversions

Conversions Part 1

Format	Color
Hex	00916E
RGB	0, 145, 110
RGB Percent	0%, 57%, 43%
CMY	1.0000, 0.4314, 0.5686
CMYK	1.00, 0.00, 0.24, 0.43
HSL	166°, 100%, 28%
HSV	166°, 100%, 57%
XYZ	12.9399, 21.3766, 18.1959
YIQ	97.6550, -75.1850, -41.6250

Conversions

Conversions Part 2

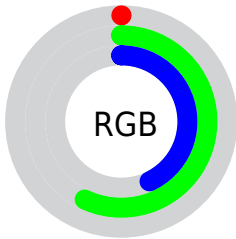
Format	Color
RYB	0, 82, 145
Decimal	37230
CIELab	53.36, -41.74, 9.42
CIELCh	53, 42.795, 167.281
Yxy	21.3766, 0.2464, 0.4071
Android (android.graphics.Color)	4278227310 (0xFF00916E)
YUV	97.6550, 6.0861, -85.6434
Hunter-Lab	46.2348, -30.9536, 9.0305

Details

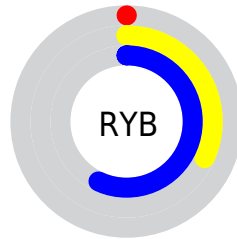
The Hex color **00916E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **910023**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **55C8A2**, and **005D3E** is the 20% darker color. If you saturate the color by 10%, you get **00916E**, and if you desaturate by 10%, it is **0E9172**.

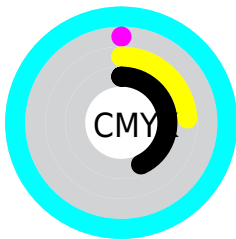
Distribution



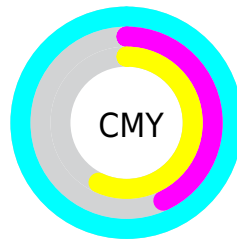
- Red (0%)
- Green (57%)
- Blue (43%)



- Red (0%)
- Yellow (32%)
- Blue (57%)



- Cyan (100%)
- Magenta (0%)
- Yellow (24%)
- Black (43%)




- Cyan (100%)
- Magenta (43%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00916E 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 00916E by changing the saturation by 10% instead.

 00916E

 00916E

FFFFFF

 007756

 55C8A2

 005D3E

 72E4BD

 004528

 8FFFD8

 002E14

 ACFFF5

 001400

 CAFFFF

 000000

 E7FFFF

 00916E

 0E9172

 1D9175

 2C9179

 3A917C

 499180

 579183

 669187

 74918A

 83918E

Harmonies

Analogous

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



568C4C



00916E



009294

Triad

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



00916E



687CC6



BB6A4B

Complementary

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



00916E



910023

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.



C5616C



00916E



9D6DB2

Square

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



00916E



0088C7



BC6291



A27836

Rectangle

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



00916E



0091AB



BC6291



C06655

Sweetspot

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



00916E



84BDAF



249100



3C5E56



DEDEDE



5E5E5E

Same Dimension

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



00916E



00BD8F



006D91



404746



008767



000806

Inverse Universe

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



910023



BD002E



912400



474042



870021



080002

Previews

White Background



This preview shows how the Hex color 00916E looks on a white background.

Color Contrast Check

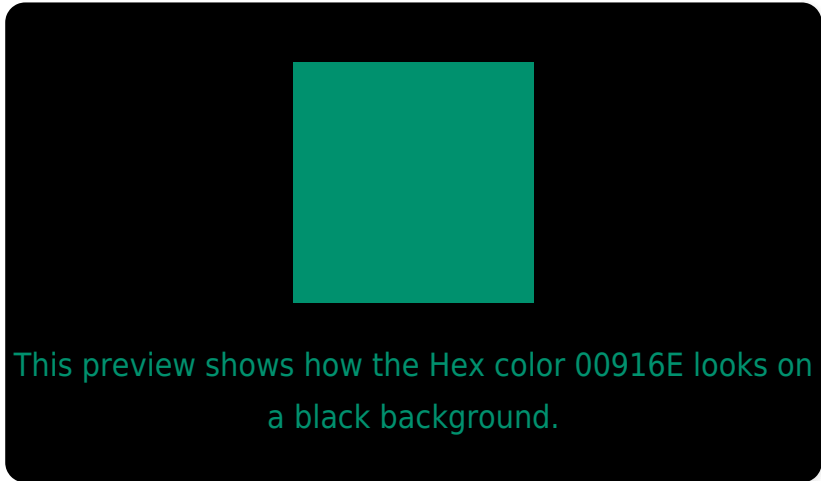
Large Text (above 18pt) WCAG AA ✓ Pass

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 00916E Background



This preview shows how black text looks on a background with the Hex color 00916E.



This preview shows how white text looks on a background with the Hex color 00916E.

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
00916E

Protanopia
877F65

Deuteranopia
8F7A73



Tritanopia
2E8C97

Trichromacy



Original Color
00916E



Protanomaly
568668



Deuteranomaly
5B8271



Tritanomaly
1D8E88

Monochromacy



Original Color
00916E



Achromatopsia
626262



Achromatomaly
3E7366

CSS Examples

Text

The CSS property to change the color of the text to Hex 00916E 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 #00916E looks like.

```
.text, #text, p{  
    color:#00916E  
}
```

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 #00916E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00916E
}
```

Border

The CSS property to change the border of an element to Hex 00916E 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
#00916E }
```

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

```
.border{ border-color:#00916E }
```

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

Here you see how a box with a 4 pixel #00916E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00916E; -webkit-box-shadow:4px 4px  
4px 4px #00916E; box-shadow:4px 4px 4px  
4px #00916E }
```

Background

The CSS property to change the background color of an element to Hex 00916E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00916E }
```

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

```
.background{ background-color:#00916E }
```

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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