

# Converting Colors

Hex(02896F)

Have a look what the booklet for  
Hex(02896F) contains.

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# Color

Hex(02896F)

# Conversions

## Conversions Part 1

Format	Color
Hex	02896F
RGB	2, 137, 111
RGB Percent	1%, 54%, 44%
CMY	0.9922, 0.4627, 0.5647
CMYK	0.99, 0.00, 0.19, 0.46
HSL	168°, 97%, 27%
HSV	168°, 99%, 54%
XYZ	11.8399, 19.0519, 18.0923
YIQ	93.6710, -72.1140, -36.7060

# Conversions

## Conversions Part 2

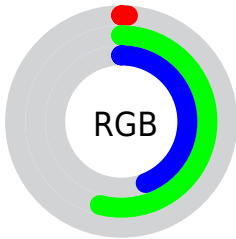
<b>Format</b>	<b>Color</b>
<b>RYB</b>	2, 77, 137
Decimal	166255
CIELab	50.75, -37.99, 5.13
CIELCh	51, 38.339, 172.311
Yxy	19.0519, 0.2417, 0.3889
Android (android.graphics.Color)	4278356335 (0xFF02896F)
YUV	93.6710, 8.5432, -80.3955
Hunter-Lab	43.6485, -27.9656, 5.9783

# Details

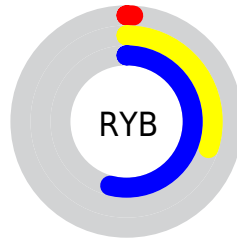
The Hex color **02896F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **89021C**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **53BFA3**, and **00563F** is the 20% darker color. If you saturate the color by 10%, you get **00896F**, and if you desaturate by 10%, it is **108972**.

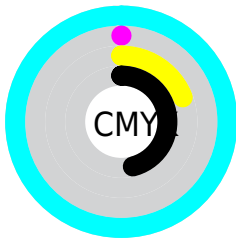
# Distribution



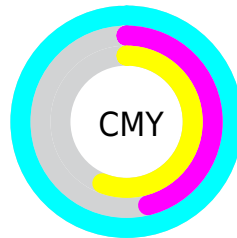
- Red (1%)
- Green (54%)
- Blue (44%)



- Red (1%)
- Yellow (30%)
- Blue (54%)



- Cyan (99%)
- Magenta (0%)
- Yellow (19%)
- Black (46%)



- Cyan (99%)
- Magenta (46%)
- Yellow (56%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 02896F 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 02896F by changing the saturation by 10% instead.



 02896F

 02896F

FFFFFF

 006F57

 53BFA3

 00563F

 70DBBE

 003E29

 8DF8D9

 002815

 AAFF6

 000500

 C7FFFF

 000000

 E5FFFF

 02896F

 02896F

 00896F

 108972

 1D8974

 2B8977

 39897A

 46897C

 54897F

 628981

 708984

 7D8987

# Harmonies

## Analogous

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



4D854F



02896F



008991

# Triad

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



02896F



6E74B5



AB6846

# Complementary

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



02896F



89021C

# 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.



B65F62



02896F



9967A1

# Square

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



02896F



267FB9



B15E83



947437

# Rectangle

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



02896F



0088A4



B15E83



B0654E



# Sweetspot

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



02896F



7DB3A8



1D8902



395953



D9D9D9



595959



# Same Dimension

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



02896F



00B390



026089



3E4544



00856B



000504



# Inverse Universe

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



89021C



B30022



892B02



453E3F



85001A



050001



# Previews

## White Background



This preview shows how the Hex color 02896F looks on a white background.

## Color Contrast Check

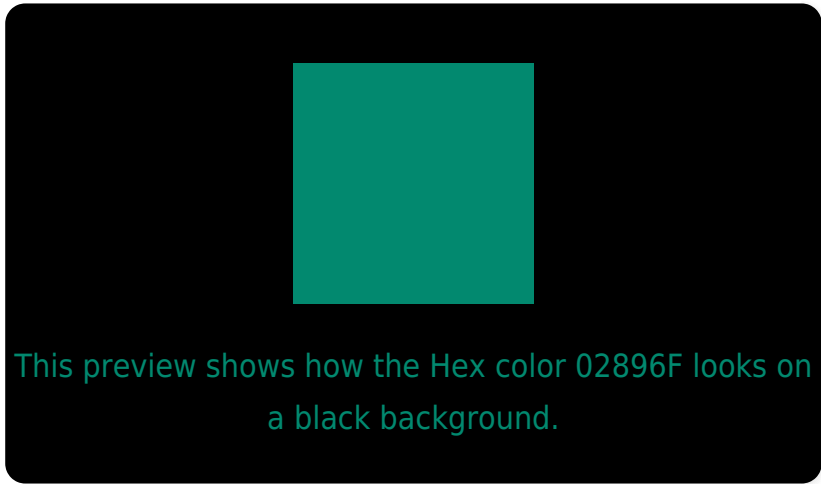
Large Text (above 18pt) WCAG AA ✓ Pass

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

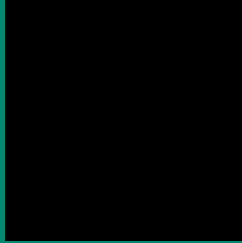
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 02896F Background



This preview shows how black text looks on a background with the Hex color 02896F.

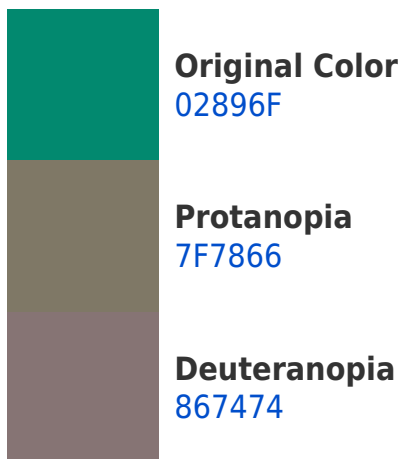


This preview shows how white text looks on a background with the Hex color 02896F.

# 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**  
29858F

# Trichromacy



**Original Color**  
02896F



**Protanomaly**  
527E69



**Deuteranomaly**  
567C72



**Tritanomaly**  
1B8683

# Monochromacy



**Original Color**  
02896F



**Achromatopsia**  
5E5E5E



**Achromatomaly**  
3D6E64

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 02896F 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 #02896F looks like.

```
.text, #text, p{  
    color:#02896F  
}
```

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 #02896F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02896F
}
```

## Border

The CSS property to change the border of an element to Hex 02896F 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
#02896F }
```

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

```
.border{ border-color:#02896F }
```

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

Here you see how a box with a 4 pixel #02896F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02896F; -webkit-box-shadow:4px 4px  
4px 4px #02896F; box-shadow:4px 4px 4px  
4px #02896F }
```

# Background

The CSS property to change the background color of an element to Hex 02896F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02896F }
```

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

```
.background{ background-color:#02896F }
```

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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