

# Converting Colors

Hex(27896E)

Have a look what the booklet for  
Hex(27896E) contains.

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# Color

Hex(27896E)

# Conversions

## Conversions Part 1

Format	Color
Hex	27896E
RGB	39, 137, 110
RGB Percent	15%, 54%, 43%
CMY	0.8471, 0.4627, 0.5686
CMYK	0.72, 0.00, 0.20, 0.46
HSL	163°, 56%, 35%
HSV	163°, 72%, 54%
XYZ	12.5968, 19.4484, 17.8419
YIQ	104.6200, -49.7410, -29.1730

# Conversions

## Conversions Part 2

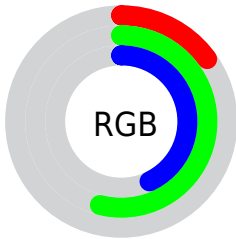
<b>Format</b>	<b>Color</b>
<b>RYB</b>	39, 96, 137
Decimal	2591086
CIELab	51.21, -34.76, 6.43
CIElCh	51, 35.355, 169.518
Yxy	19.4484, 0.2525, 0.3898
Android (android.graphics.Color)	4280781166 (0xFF27896E)
YUV	104.6200, 2.6523, -57.5487
Hunter-Lab	44.1004, -26.1890, 6.8831

# Details

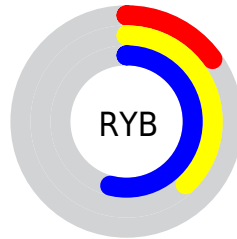
The Hex color **27896E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **892742**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **62BFA2**, and **00563E** is the 20% darker color. If you saturate the color by 10%, you get **19896A**, and if you desaturate by 10%, it is **358972**.

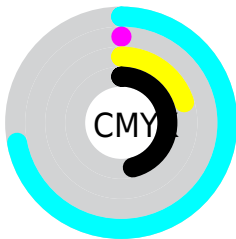
# Distribution



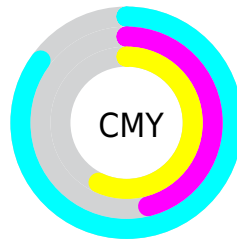
- Red (15%)
- Green (54%)
- Blue (43%)



- Red (15%)
- Yellow (38%)
- Blue (54%)



- Cyan (72%)
- Magenta (0%)
- Yellow (20%)
- Black (46%)



- Cyan (85%)
- Magenta (46%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 27896E 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 27896E by changing the saturation by 10% instead.



 27896E

 27896E

FFFFFF

 006F56

 62BFA2

 00563E

 7EDBBD

 003E29

 9AF8D8

 002814

 B7FFF5

 000800

 D4FFFF

 000000

 F1FFFF

 27896E

 27896E

 19896A

 358972

■ 0C8966

■ 428976

■ 008963

■ 508979

■ 5E897D

■ 6C8981

■ 798985

■ 878988

■ 95898C

■ A28990

# Harmonies

## Analogous

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



568552



27896E



008A8D

# Triad

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



27896E



6C76B3



AB6A4D

# Complementary

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



27896E



892742

# 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.



B46267



27896E



956BA1

# Square

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



27896E



3080B5



AD6386



96753E

# Rectangle

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



27896E



0088A0



AD6386



AF6755



# Sweetspot

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



27896E



8DB3A8



438927



435953



D9D9D9



595959



# Same Dimension

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



27896E



19B388



277489



3E4543



008560



000504



# Inverse Universe

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



892742



B31943



893C27



453E40



850025



050001



# Previews

## White Background



This preview shows how the Hex color 27896E looks on a white background.

## Color Contrast Check

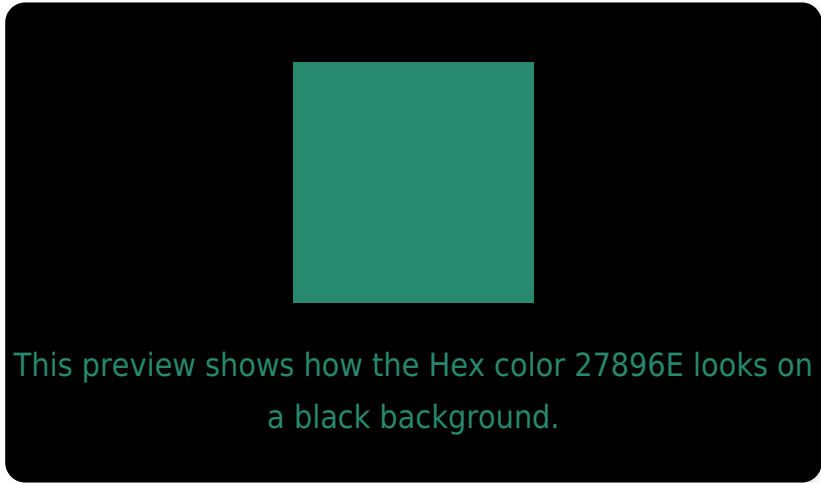
Large Text (above 18pt) WCAG AA ✓ Pass

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 27896E Background



This preview shows how black text looks on a background with the Hex color 27896E.

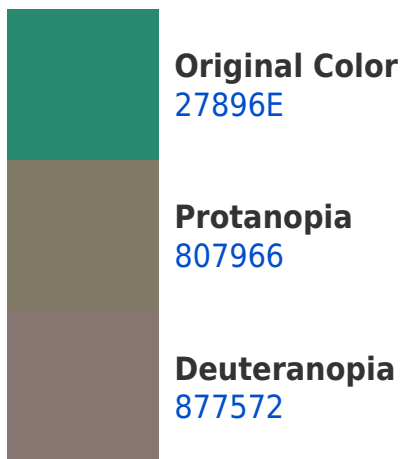


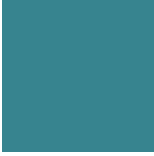
This preview shows how white text looks on a background with the Hex color 27896E.

# 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**  
37848F

# Trichromacy



**Original Color**  
27896E



**Protanomaly**  
607F69



**Deuteranomaly**  
647C71



**Tritanomaly**  
318683

# Monochromacy



**Original Color**  
27896E



**Achromatopsia**  
696969



**Achromatomaly**  
51756B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 27896E 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 #27896E looks like.

```
.text, #text, p{  
    color:#27896E  
}
```

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 #27896E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27896E
}
```

## Border

The CSS property to change the border of an element to Hex 27896E 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
#27896E }
```

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

```
.border{ border-color:#27896E }
```

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

Here you see how a box with a 4 pixel #27896E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27896E; -webkit-box-shadow:4px 4px  
4px 4px #27896E; box-shadow:4px 4px 4px  
4px #27896E }
```

# Background

The CSS property to change the background color of an element to Hex 27896E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27896E }
```

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

```
.background{ background-color:#27896E }
```

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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