

# Converting Colors

Hex(29876E)

Have a look what the booklet for  
Hex(29876E) contains.

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# Color

**Hex(29876E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	29876E
RGB	41, 135, 110
RGB Percent	16%, 53%, 43%
CMY	0.8392, 0.4706, 0.5686
CMYK	0.70, 0.00, 0.19, 0.47
HSL	164°, 53%, 35%
HSV	164°, 70%, 53%
XYZ	12.3929, 18.9252, 17.7516
YIQ	104.0440, -47.9990, -27.7030

# Conversions

## Conversions Part 2

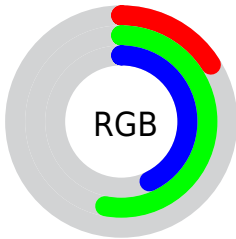
<b>Format</b>	<b>Color</b>
<b>RYB</b>	41, 95, 135
Decimal	2721646
CIELab	50.60, -33.53, 5.57
CIElCh	51, 33.985, 170.570
Yxy	18.9252, 0.2526, 0.3857
Android (android.graphics.Color)	4280911726 (0xFF29876E)
YUV	104.0440, 2.9363, -55.2896
Hunter-Lab	43.5030, -25.2803, 6.2586

# Details

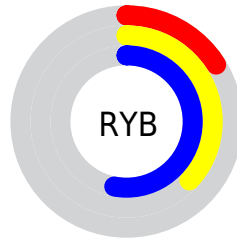
The Hex color **29876E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **872942**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **63BDA2**, and **00543E** is the 20% darker color. If you saturate the color by 10%, you get **1C876A**, and if you desaturate by 10%, it is **378772**.

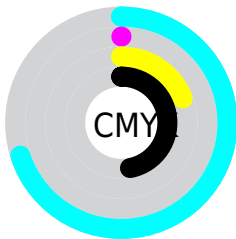
# Distribution



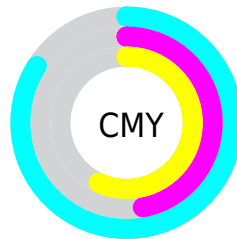
- Red (16%)
- Green (53%)
- Blue (43%)



- Red (16%)
- Yellow (37%)
- Blue (53%)



- Cyan (70%)
- Magenta (0%)
- Yellow (19%)
- Black (47%)



- Cyan (84%)
- Magenta (47%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 29876E 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 29876E by changing the saturation by 10% instead.



 29876E

 29876E

FFFFFF

 006D56

 63BDA2

 00543E

 7FD9BD

 003C29

 9BF6D8

 002714

 B7FFF5

 000400

 D4FFFF

 000000

 F1FFFF

 29876E

 29876E

 1C876A

 378772

■ 0E8767

■ 448775

■ 008763

■ 528779

■ 5F877C

■ 6D8780

■ 7A8784

■ 888787

■ 95878B

■ A3878E

# Harmonies

## Analogous

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



558453



29876E



00878C

# Triad

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



29876E



6D74AF



A7694D

# Complementary

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



29876E



872942

# 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.



B06266



29876E



946A9E

# Square

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



29876E



367EB1



AA6283



93743F

# Rectangle

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



29876E



00869D



AA6283



AB6654



# Sweetspot

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



29876E



8BB0A6



428729



435953



D9D9D9



595959



# Same Dimension

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



29876E



1CB089



297187



3C4241



00825F



000302



# Inverse Universe

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



872942



B01C43



873F29



423C3D



820023



030001



# Previews

## White Background



This preview shows how the Hex color 29876E looks on a white background.

## Color Contrast Check

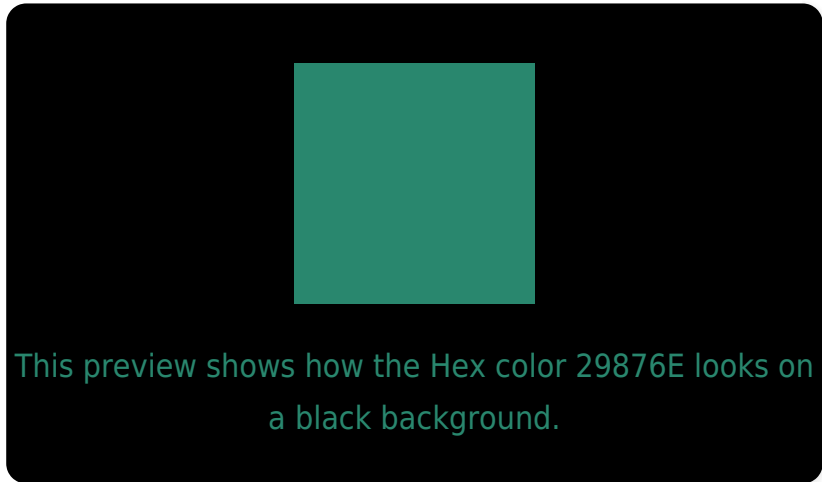
Large Text (above 18pt) WCAG AA ✓ Pass

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

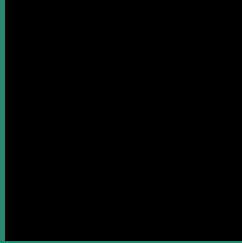
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 29876E Background



This preview shows how black text looks on a background with the Hex color 29876E.

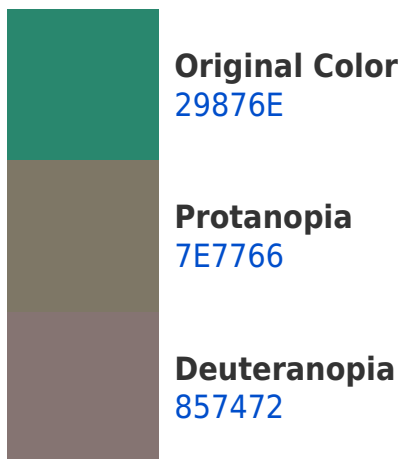



This preview shows how white text looks on a background with the Hex color 29876E.

# 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](#).

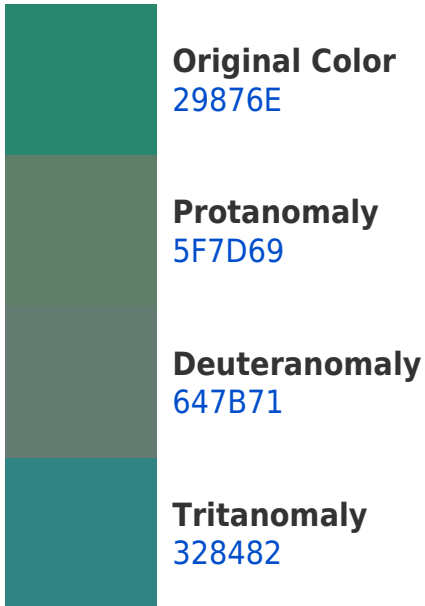
## Dichromacy



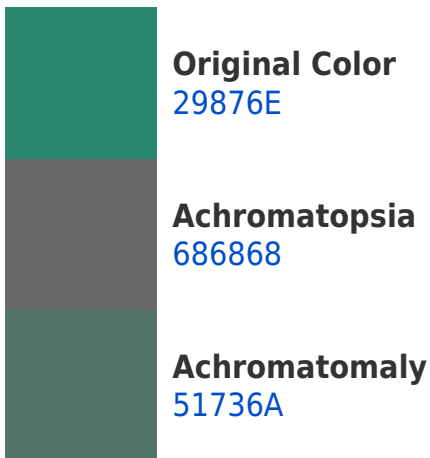


**Tritanopia**  
37838D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 29876E 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 #29876E looks like.

```
.text, #text, p{  
    color:#29876E  
}
```

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 #29876E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29876E
}
```

## Border

The CSS property to change the border of an element to Hex 29876E 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
#29876E }
```

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

```
.border{ border-color:#29876E }
```

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

Here you see how a box with a 4 pixel #29876E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29876E; -webkit-box-shadow:4px 4px  
4px 4px #29876E; box-shadow:4px 4px 4px  
4px #29876E }
```

# Background

The CSS property to change the background color of an element to Hex 29876E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29876E }
```

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

```
.background{ background-color:#29876E }
```

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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