

Converting Colors

Hex(29916F)

Have a look what the booklet for
Hex(29916F) contains.

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Color

Hex(29916F)

Conversions

Conversions Part 1

Format	Color
Hex	29916F
RGB	41, 145, 111
RGB Percent	16%, 57%, 44%
CMY	0.8392, 0.4314, 0.5647
CMYK	0.72, 0.00, 0.23, 0.43
HSL	160°, 56%, 36%
HSV	160°, 72%, 57%
XYZ	13.9091, 21.8699, 18.5272
YIQ	110.0280, -51.0700, -32.6220

Conversions

Conversions Part 2

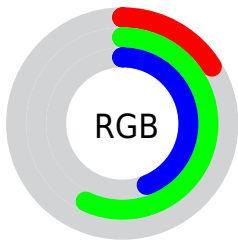
Format	Color
RYB	41, 103, 145
Decimal	2724207
CIELab	53.89, -37.76, 9.67
CIELCh	54, 38.978, 165.634
Yxy	21.8699, 0.2561, 0.4027
Android (android.graphics.Color)	4280914287 (0xFF29916F)
YUV	110.0280, 0.4792, -60.5376
Hunter-Lab	46.7653, -28.7491, 9.2466

Details

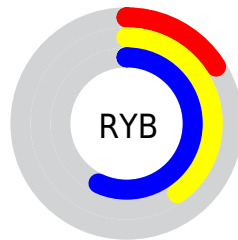
The Hex color **29916F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **91294B**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **65C8A3**, and **005D3F** is the 20% darker color. If you saturate the color by 10%, you get **1B916A**, and if you desaturate by 10%, it is **389174**.

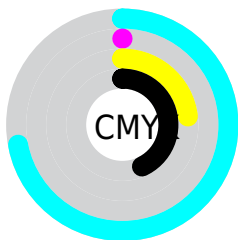
Distribution



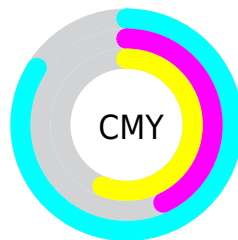
- Red (16%)
- Green (57%)
- Blue (44%)



- Red (16%)
- Yellow (40%)
- Blue (57%)



- Cyan (72%)
- Magenta (0%)
- Yellow (23%)
- Black (43%)



- Cyan (84%)
- Magenta (43%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29916F 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 29916F by changing the saturation by 10% instead.

 29916F

 29916F

FFFFFF

 007757

 65C8A3

 005D3F

 81E4BE

 004529

 9EFFDA

 002E15

 BAFFF6

 001600

 D7FFF6

 000000

 F5FFFF

 29916F

 29916F

 1B916A

 389174

■ 0C9166

■ 469178

■ 009162

■ 55917D

■ 639182

■ 729187

■ 80918B

■ 8F9190

■ 9D9195

■ AB919A

Harmonies

Analogous

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



5E8C50



29916F



009292

Triad

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



29916F



697EC1



B96D52

Complementary

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



29916F



91294B

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.



C16570



29916F



9A71B0

Square

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



29916F



1189C1



B76792



A3793F

Rectangle

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



29916F



0091A7



B76792



BD6A5B

Sweetspot

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



29916F



93BDAF



4C9129



465E56



DEDEDE



5E5E5E

Same Dimension

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



29916F



1ABD88



298091



404745



00875B



000805

Inverse Universe

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



91294B



BD1A4F



913A29



474043



87002C



080003

Previews

White Background



This preview shows how the Hex color 29916F looks on a white background.

Color Contrast Check

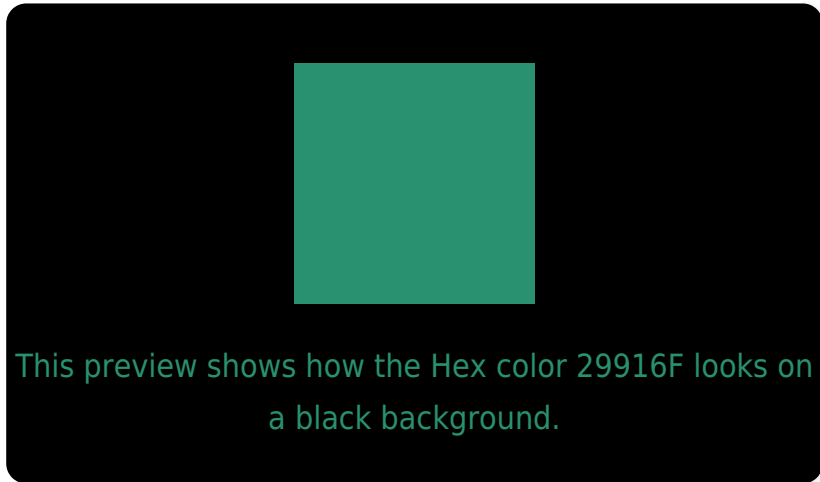
Large Text (above 18pt) WCAG AA ✓ Pass

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

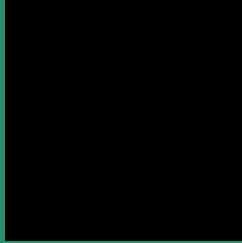
Any Text WCAG AA ✓ Pass

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 29916F Background



This preview shows how black text looks on a background with the Hex color 29916F.

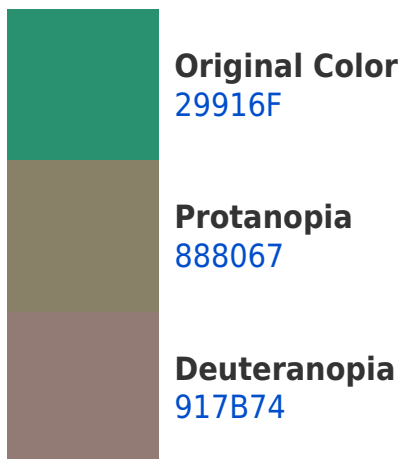


This preview shows how white text looks on a background with the Hex color 29916F.

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
3B8C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 29916F 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 #29916F looks like.

```
.text, #text, p{  
    color:#29916F  
}
```

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 #29916F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29916F
}
```

Border

The CSS property to change the border of an element to Hex 29916F is called "border". The border property can be set on classes, ids or directly on the HTML element.

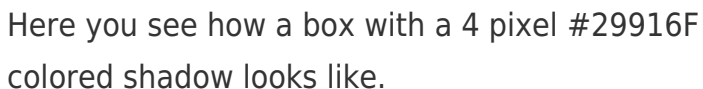
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#29916F }
```

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

```
.border{ border-color:#29916F }
```

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



Here you see how a box with a 4 pixel #29916F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29916F; -webkit-box-shadow:4px 4px  
4px 4px #29916F; box-shadow:4px 4px 4px  
4px #29916F }
```

Background

The CSS property to change the background color of an element to Hex 29916F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29916F }
```

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

```
.background{ background-color:#29916F }
```

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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