

Converting Colors

Hex(1D936F)

Have a look what the booklet for
Hex(1D936F) contains.

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Color

Hex(1D936F)

Conversions

Conversions Part 1

Format	Color
Hex	1D936F
RGB	29, 147, 111
RGB Percent	11%, 58%, 44%
CMY	0.8863, 0.4235, 0.5647
CMYK	0.80, 0.00, 0.24, 0.42
HSL	162°, 67%, 35%
HSV	162°, 80%, 58%
XYZ	13.8097, 22.2763, 18.6108
YIQ	107.6140, -58.7720, -36.2120

Conversions

Conversions Part 2

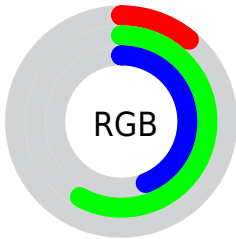
Format	Color
RYB	29, 99, 147
Decimal	1938287
CIELab	54.32, -40.24, 10.25
CIElCh	54, 41.527, 165.716
Yxy	22.2763, 0.2525, 0.4073
Android (android.graphics.Color)	4280128367 (0xFF1D936F)
YUV	107.6140, 1.6693, -68.9445
Hunter-Lab	47.1978, -30.3687, 9.6595

Details

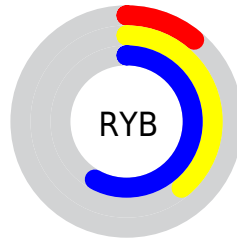
The Hex color **1D936F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **931D41**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **5FCAA3**, and **005F3F** is the 20% darker color. If you saturate the color by 10%, you get **0E936B**, and if you desaturate by 10%, it is **2C9373**.

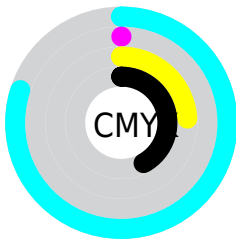
Distribution



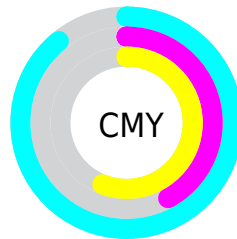
- Red (11%)
- Green (58%)
- Blue (44%)



- Red (11%)
- Yellow (39%)
- Blue (58%)



- Cyan (80%)
- Magenta (0%)
- Yellow (24%)
- Black (42%)



- Cyan (89%)
- Magenta (42%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D936F 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 1D936F by changing the saturation by 10% instead.

 1D936F

 1D936F

FFFFFF

 007957

 5FCAA3

 005F3F

 7BE6BE

 004729

 98FFDA

 002F15

 B5FFF6

 001800

 D2FFFF

 000000

 F0FFFF

 1D936F

 1D936F

 0E936B

 2C9373

■ 009366

■ 3A9378

■ 49937C

■ 589381

■ 669385

■ 75938A

■ 84938E

■ 939393

■ A19397

Harmonies

Analogous

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



5C8E4E



1D936F



009494

Triad

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



1D936F



687FC7



BD6D50

Complementary

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



1D936F



931D41

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.



C66470



1D936F



9D71B4

Square

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



1D936F



008BC7



BC6695



A67A3B

Rectangle

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



1D936F



0093AB



BC6695



C2695A

Sweetspot

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



1D936F



91BFB1



42931D



456158



E0E0E0



616161

Same Dimension

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



1D936F



08BF87



1D7D93



434A48



008A60



000A07

Inverse Universe

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



931D41



BF0840



93331D



4A4345



8A002A



0A0003

Previews

White Background



This preview shows how the Hex color 1D936F looks on a white background.

Color Contrast Check

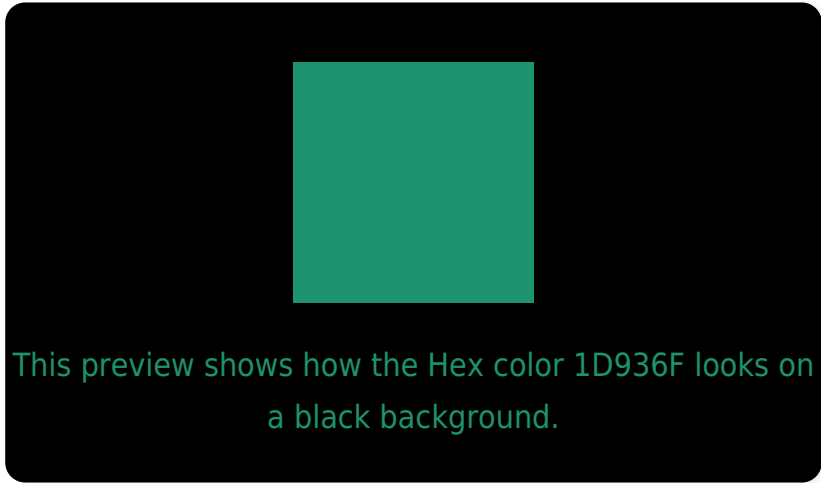
Large Text (above 18pt) WCAG AA ✓ Pass

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

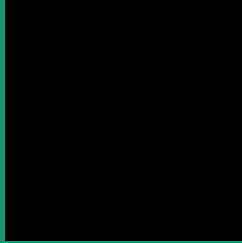
Any Text WCAG AA ✓ Pass

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 1D936F Background



This preview shows how black text looks on a background with the Hex color 1D936F.

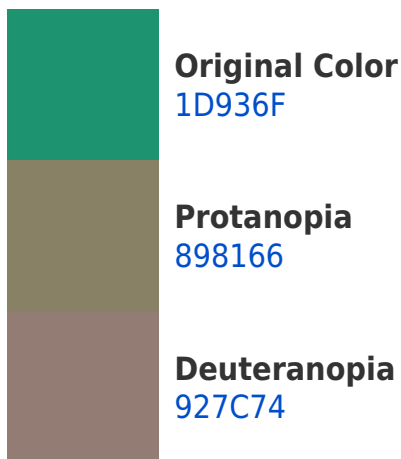


This preview shows how white text looks on a background with the Hex color 1D936F.

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



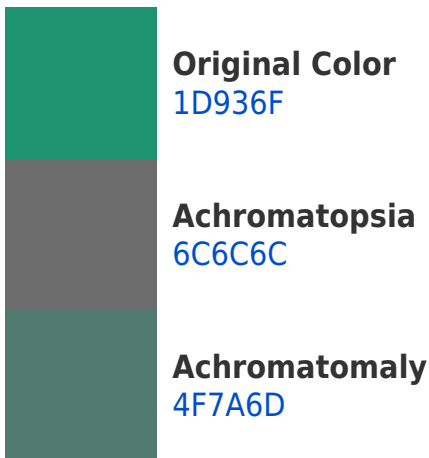


Tritanopia
368D99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1D936F 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 #1D936F looks like.

```
.text, #text, p{  
    color:#1D936F  
}
```

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 #1D936F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D936F
}
```

Border

The CSS property to change the border of an element to Hex 1D936F 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
#1D936F }
```

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

```
.border{ border-color:#1D936F }
```

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

Here you see how a box with a 4 pixel #1D936F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D936F; -webkit-box-shadow:4px 4px  
4px 4px #1D936F; box-shadow:4px 4px 4px  
4px #1D936F }
```

Background

The CSS property to change the background color of an element to Hex 1D936F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D936F }
```

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

```
.background{ background-color:#1D936F }
```

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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