

Converting Colors

Hex(1D946B)

Have a look what the booklet for
Hex(1D946B) contains.

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Color

Hex(1D946B)

Conversions

Conversions Part 1

Format	Color
Hex	1D946B
RGB	29, 148, 107
RGB Percent	11%, 58%, 42%
CMY	0.8863, 0.4196, 0.5804
CMYK	0.80, 0.00, 0.28, 0.42
HSL	159°, 67%, 35%
HSV	159°, 80%, 58%
XYZ	13.7504, 22.5026, 17.5286
YIQ	107.7450, -57.7630, -37.9790

Conversions

Conversions Part 2

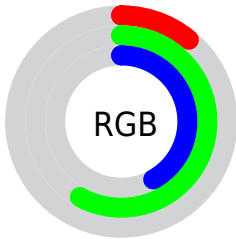
Format	Color
R_{YB}	29, 101, 148
Decimal	1938539
CIE _{Lab}	54.56, -41.64, 12.85
CIE _{LCh}	55, 43.579, 162.851
Y _{xy}	22.5026, 0.2557, 0.4184
Android (android.graphics.Color)	4280128619 (0xFF1D946B)
YUV	107.7450, -0.3673, -69.0594
Hunter-Lab	47.4369, -31.2730, 11.2973

Details

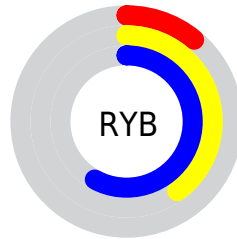
The Hex color **1D946B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **941D46**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **5FCB9E**, and **00603C** is the 20% darker color. If you saturate the color by 10%, you get **0E9466**, and if you desaturate by 10%, it is **2C9470**.

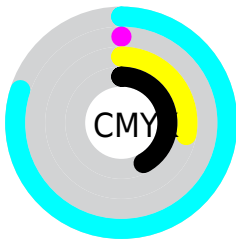
Distribution



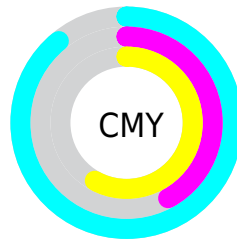
- Red (11%)
- Green (58%)
- Blue (42%)



- Red (11%)
- Yellow (40%)
- Blue (58%)



- Cyan (80%)
- Magenta (0%)
- Yellow (28%)
- Black (42%)



- Cyan (89%)
- Magenta (42%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D946B 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 1D946B by changing the saturation by 10% instead.

 1D946B

 1D946B

FFFFFF

 007A53

 5FCB9E

 00603C

 7CE7B9

 004726

 98FFD5

 003011

 B5FFF2

 001900

 D2FFFF

 000000

 F0FFFF

 1D946B

 1D946B

 0E9466

 2C9470

■ 009461

■ 3B9475

■ 49947A

■ 58947F

■ 679484

■ 76948A

■ 85948F

■ 939494

■ A29499

Harmonies

Analogous

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



5F8F49



1D946B



009692

Triad

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



1D946B



5F81CC



C26B51

Complementary

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



1D946B



941D46

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.



C96274



1D946B



9A72BA

Square

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



1D946B



008DCA



BD659A



AA7939

Rectangle

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



1D946B



0095AA



BD659A



C6675C

Sweetspot

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



1D946B



91BFAF



47941D



456157



E0E0E0



616161

Same Dimension

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



1D946B



08BF80



1D8294



434A47



008A5A



000A07

Inverse Universe

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



941D46



BF0847



942F1D



4A4345



8A002F



0A0004

Previews

White Background



This preview shows how the Hex color 1D946B looks on a white background.

Color Contrast Check

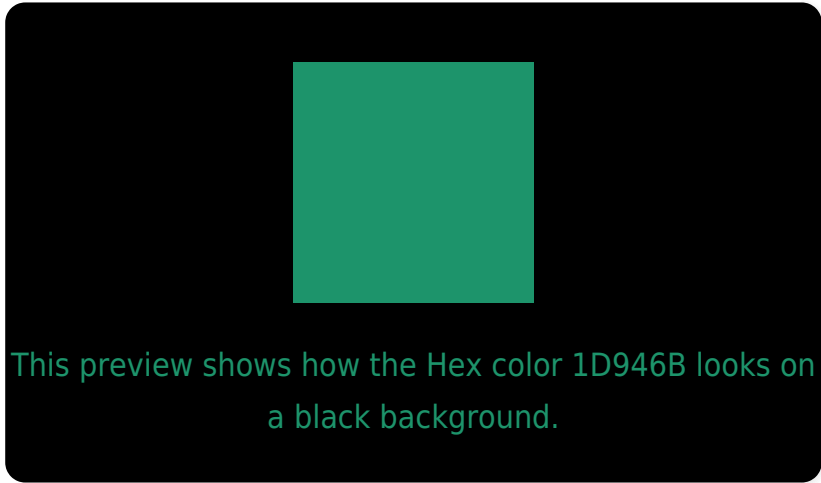
Large Text (above 18pt) WCAG AA ✓ Pass

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

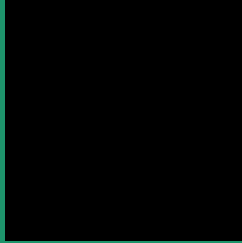
Any Text WCAG AA ✓ Pass

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 1D946B Background



This preview shows how black text looks on a background with the Hex color 1D946B.



This preview shows how white text looks on a background with the Hex color 1D946B.

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



Original Color
1D946B

Protanopia
8B8162

Deuteranopia
947D70



Tritanopia
378E9A

Trichromacy



Original Color
1D946B



Protanomaly
638865



Deuteranomaly
69856E



Tritanomaly
2E9089

Monochromacy



Original Color
1D946B



Achromatopsia
6C6C6C



Achromatomaly
4F7B6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D946B 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 #1D946B looks like.

```
.text, #text, p{  
    color:#1D946B  
}
```

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 #1D946B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D946B
}
```

Border

The CSS property to change the border of an element to Hex 1D946B 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
#1D946B }
```

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

```
.border{ border-color:#1D946B }
```

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

Here you see how a box with a 4 pixel #1D946B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D946B; -webkit-box-shadow:4px 4px  
4px 4px #1D946B; box-shadow:4px 4px 4px  
4px #1D946B }
```

Background

The CSS property to change the background color of an element to Hex 1D946B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D946B }
```

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

```
.background{ background-color:#1D946B }
```

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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