

Converting Colors

Hex(1F9A6C)

Have a look what the booklet for
Hex(1F9A6C) contains.

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Color

Hex(1F9A6C)

Conversions

Conversions Part 1

Format	Color
Hex	1F9A6C
RGB	31, 154, 108
RGB Percent	12%, 60%, 42%
CMY	0.8784, 0.3961, 0.5765
CMYK	0.80, 0.00, 0.30, 0.40
HSL	158°, 66%, 36%
HSV	158°, 80%, 60%
XYZ	14.8274, 24.4852, 18.1320
YIQ	111.9790, -58.5420, -40.3820

Conversions

Conversions Part 2

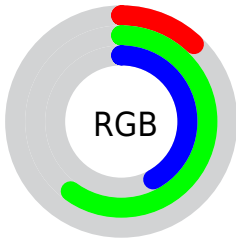
Format	Color
RYB	31, 107, 154
Decimal	2071148
CIELab	56.57, -43.64, 15.09
CIELCh	57, 46.176, 160.929
Yxy	24.4852, 0.2581, 0.4262
Android (android.graphics.Color)	4280261228 (0xFF1F9A6C)
YUV	111.9790, -1.9616, -71.0186
Hunter-Lab	49.4825, -33.1069, 12.9120

Details

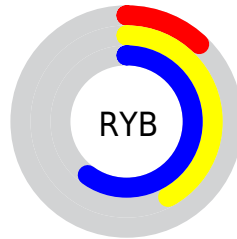
The Hex color **1F9A6C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9A1F4D**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **61D1A0**, and **00663C** is the 20% darker color. If you saturate the color by 10%, you get **109A66**, and if you desaturate by 10%, it is **2E9A72**.

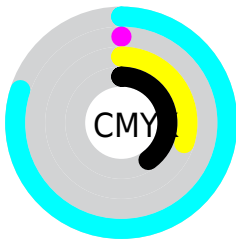
Distribution



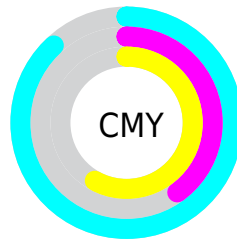
- Red (12%)
- Green (60%)
- Blue (42%)



- Red (12%)
- Yellow (42%)
- Blue (60%)



- Cyan (80%)
- Magenta (0%)
- Yellow (30%)
- Black (40%)



- Cyan (88%)
- Magenta (40%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F9A6C 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 1F9A6C by changing the saturation by 10% instead.

 1F9A6C

 1F9A6C

FFFFFF

 007F54

 61D1A0

 00663C

 7EEEEBB

 004D26

 9BFFD6

 003512

 B8FFF3

 001F00

 D5FFFF

 000000

 F3FFFF

 1F9A6C

 1F9A6C

 109A66

 2E9A72

■ 009A60

■ 3E9A78

■ 4D9A7D

■ 5D9A83

■ 6C9A89

■ 7B9A8F

■ 8B9A94

■ 9A9A9A

■ AA9AA0

Harmonies

Analogous

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



659448



1F9A6C



009C96

Triad

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



1F9A6C



5C87D7



CC6E55

Complementary

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



1F9A6C



9A1F4D

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.



D3657A



1F9A6C



9E77C5

Square

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



1F9A6C



0093D3



C469A3



B47C3A

Rectangle

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



1F9A6C



009BB0



C469A3



D06A61

Sweetspot

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



1F9A6C



99C9B7



4E9A1F



48665B



E6E6E6



666666

Same Dimension

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



1F9A6C



08C981



1F8C9A



454D4A



008C58



000D08

Inverse Universe

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



9A1F4D



C90850



9A2D1F



4D4548



8C0034



0D0005

Previews

White Background



This preview shows how the Hex color 1F9A6C looks on a white background.

Color Contrast Check

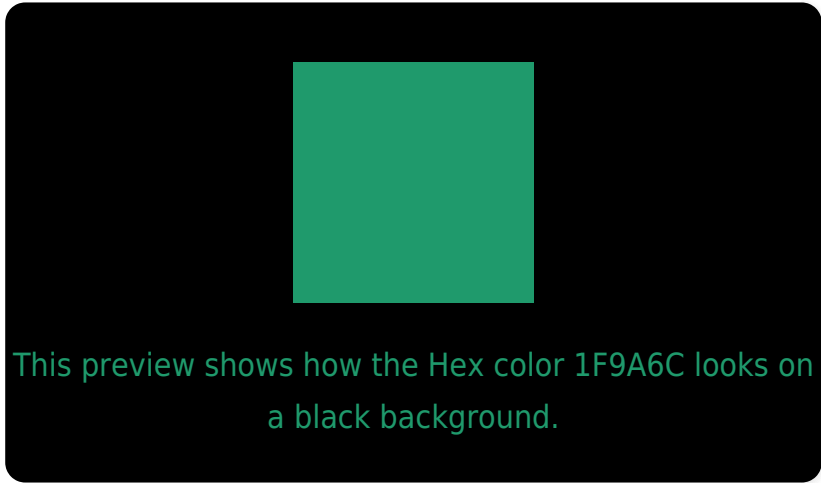
Large Text (above 18pt) WCAG AA ✓ Pass

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 1F9A6C Background



This preview shows how black text looks on a background with the Hex color 1F9A6C.



This preview shows how white text looks on a background with the Hex color 1F9A6C.

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
1F9A6C

Protanopia
918763

Deuteranopia
9B8271



Tritanopia
3B939F

Trichromacy



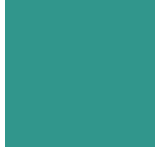
Original Color
1F9A6C



Protanomaly
688E66



Deuteranomaly
6E8B6F



Tritanomaly
31968C

Monochromacy



Original Color
1F9A6C



Achromatopsia
707070



Achromatomaly
537F6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F9A6C 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 #1F9A6C looks like.

```
.text, #text, p{  
    color:#1F9A6C  
}
```

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 #1F9A6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F9A6C
}
```

Border

The CSS property to change the border of an element to Hex 1F9A6C 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
#1F9A6C }
```

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

```
.border{ border-color:#1F9A6C }
```

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

Here you see how a box with a 4 pixel #1F9A6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F9A6C; -webkit-box-shadow:4px 4px  
4px 4px #1F9A6C; box-shadow:4px 4px 4px  
4px #1F9A6C }
```

Background

The CSS property to change the background color of an element to Hex 1F9A6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F9A6C }
```

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

```
.background{ background-color:#1F9A6C }
```

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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