

Converting Colors

Hex(1F6F65)

Have a look what the booklet for
Hex(1F6F65) contains.

Hex(1F6F65)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1F6F65)

Conversions

Conversions Part 1

Format	Color
Hex	1F6F65
RGB	31, 111, 101
RGB Percent	12%, 44%, 40%
CMY	0.8784, 0.5647, 0.6039
CMYK	0.72, 0.00, 0.09, 0.56
HSL	172°, 56%, 28%
HSV	172°, 72%, 44%
XYZ	8.5985, 12.5998, 14.2907
YIQ	85.9400, -44.4700, -20.0700

Conversions

Conversions Part 2

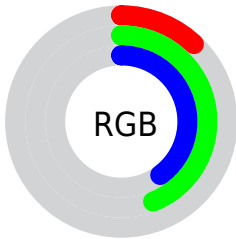
Format	Color
RYB	31, 74, 111
Decimal	2060133
CIELab	42.15, -26.21, -1.37
CIELCh	42, 26.243, 183.001
Yxy	12.5998, 0.2423, 0.3550
Android (android.graphics.Color)	4280250213 (0xFF1F6F65)
YUV	85.9400, 7.4246, -48.1824
Hunter-Lab	35.4962, -18.8790, 0.9772

Details

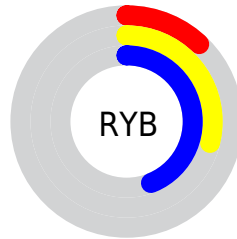
The Hex color **1F6F65** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6F1F29**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **58A398**, and **003F36** is the 20% darker color. If you saturate the color by 10%, you get **146F64**, and if you desaturate by 10%, it is **2A6F66**.

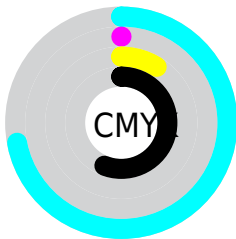
Distribution



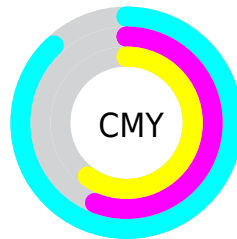
- Red (12%)
- Green (44%)
- Blue (40%)



- Red (12%)
- Yellow (29%)
- Blue (44%)



- Cyan (72%)
- Magenta (0%)
- Yellow (9%)
- Black (56%)



- Cyan (88%)
- Magenta (56%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F6F65 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 1F6F65 by changing the saturation by 10% instead.

 1F6F65

 1F6F65

FFFFFF

 00564D

 58A398

 003F36

 73BEB3

 002821

 8EDACE

 000F0B

 AAF7EA

 000000

 C7FFFF

 E3FFFF

 1F6F65

 1F6F65

 146F64

 2A6F66

■ 096F62

■ 356F68

■ 006F61

■ 406F69

■ 4B6F6B

■ 576F6C

■ 626F6D

■ 6D6F6F

■ 786F70

■ 836F71

Harmonies

Analogous

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



3E6D4F



1F6F65



006E7A

Triad

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



1F6F65



695D88



825B3D

Complementary

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



1F6F65



6F1F29

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.



8C554D



1F6F65



805677

Square

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



1F6F65



47658E



8C5362



706338

Rectangle

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



1F6F65



0F6C85



8C5362



865942

Sweetspot

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



1F6F65



71918D



2A6F1F



374A48



C9C9C9



4A4A4A

Same Dimension

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



1F6F65



149182



1F526F



323837



007869



00F7D8

Inverse Universe

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



6F1F29



911424



6F3C1F



383233



78000F



F7001F

Previews

White Background



This preview shows how the Hex color 1F6F65 looks on a white background.

Color Contrast Check

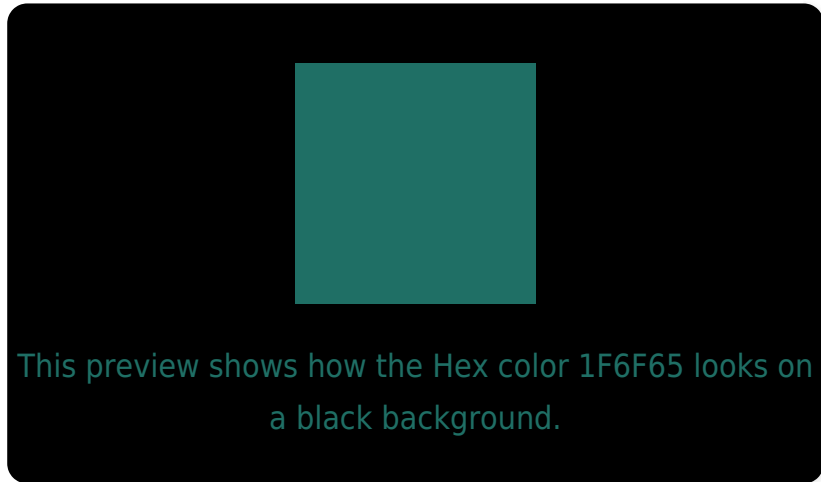
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

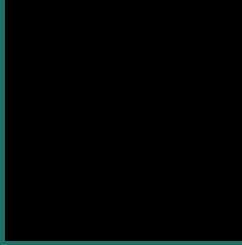
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 1F6F65 Background



This preview shows how black text looks on a background with the Hex color 1F6F65.

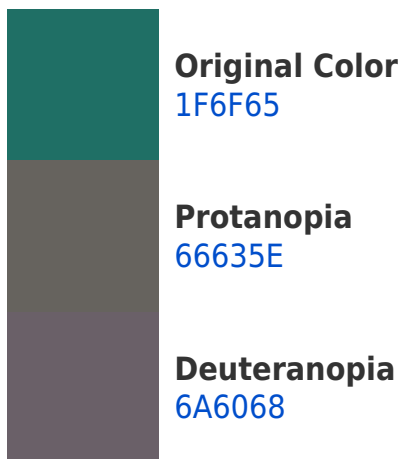



This preview shows how white text looks on a background with the Hex color 1F6F65.

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](#).

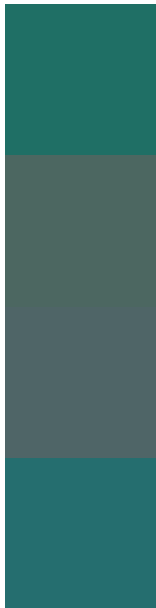
Dichromacy





Tritanopia
286D75

Trichromacy



Original Color
1F6F65

Protanomaly
4C6761

Deuteranomaly
4F6567

Tritanomaly
256E6F

Monochromacy



Original Color
1F6F65

Achromatopsia
565656

Achromatomaly
425F5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F6F65 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 #1F6F65 looks like.

```
.text, #text, p{  
    color:#1F6F65  
}
```

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 #1F6F65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F6F65
}
```

Border

The CSS property to change the border of an element to Hex 1F6F65 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
#1F6F65 }
```

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

```
.border{ border-color:#1F6F65 }
```

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

Here you see how a box with a 4 pixel #1F6F65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F6F65; -webkit-box-shadow:4px 4px  
4px 4px #1F6F65; box-shadow:4px 4px 4px  
4px #1F6F65 }
```

Background

The CSS property to change the background color of an element to Hex 1F6F65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F6F65 }
```

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

```
.background{ background-color:#1F6F65 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor