

# Converting Colors

Hex(1F6E66)

Have a look what the booklet for  
Hex(1F6E66) contains.

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# Color

**Hex(1F6E66)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1F6E66
RGB	31, 110, 102
RGB Percent	12%, 43%, 40%
CMY	0.8784, 0.5686, 0.6000
CMYK	0.72, 0.00, 0.07, 0.57
HSL	174°, 56%, 28%
HSV	174°, 72%, 43%
XYZ	8.5393, 12.4025, 14.5142
YIQ	85.4670, -44.5160, -19.2360

# Conversions

## Conversions Part 2

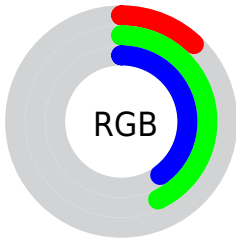
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	31, 73, 110
Decimal	2059878
CIE <sub>Lab</sub>	41.85, -25.41, -2.43
CIE <sub>LCh</sub>	42, 25.524, 185.457
Yxy	12.4025, 0.2408, 0.3498
Android (android.graphics.Color)	4280249958 (0xFF1F6E66)
YUV	85.4670, 8.1508, -47.7676
Hunter-Lab	35.2171, -18.3482, 0.2165

# Details

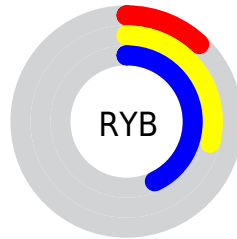
The Hex color **1F6E66** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6E1F27**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **58A299**, and **003E37** is the 20% darker color. If you saturate the color by 10%, you get **146E65**, and if you desaturate by 10%, it is **2A6E67**.

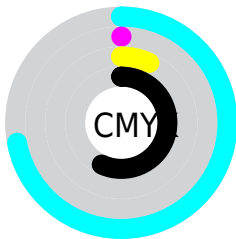
# Distribution



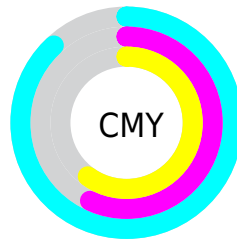
- Red (12%)
- Green (43%)
- Blue (40%)



- Red (12%)
- Yellow (29%)
- Blue (43%)



- Cyan (72%)
- Magenta (0%)
- Yellow (7%)
- Black (57%)



- Cyan (88%)
- Magenta (57%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1F6E66 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 1F6E66 by changing the saturation by 10% instead.





1F6E66



1F6E66

FFFFFF



00554E



58A299



003E37



73BDB4



002722



8ED9CF



000D0C



AAF6EB



000000



C6FFFF



E3FFFF



1F6E66



1F6E66



146E65



2A6E67

096E64

356E68

006E63

406E69

4B6E6A

566E6C

616E6D

6C6E6E

776E6F

826E70

# Harmonies

## Analogous

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



3D6D51



1F6E66



056D7A

# Triad

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



1F6E66



6A5C85



7F5B3D

# Complementary

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



1F6E66



6E1F27

# 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.



8A554B



1F6E66



805575

# Square

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



1F6E66



4B648C



8B5260



6D6338

# Rectangle

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



1F6E66



186B85



8B5260



835941



# Sweetspot

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



1F6E66



6F8F8C



286E1F



354746



C7C7C7



474747



# Same Dimension

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



1F6E66



148F82



1F506E



323838



00786C



00F7DE



# Inverse Universe

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



6E1F27



8F1420



6E3D1F



383233



78000C



F70019



# Previews

## White Background



This preview shows how the Hex color 1F6E66 looks on a white background.

## Color Contrast Check

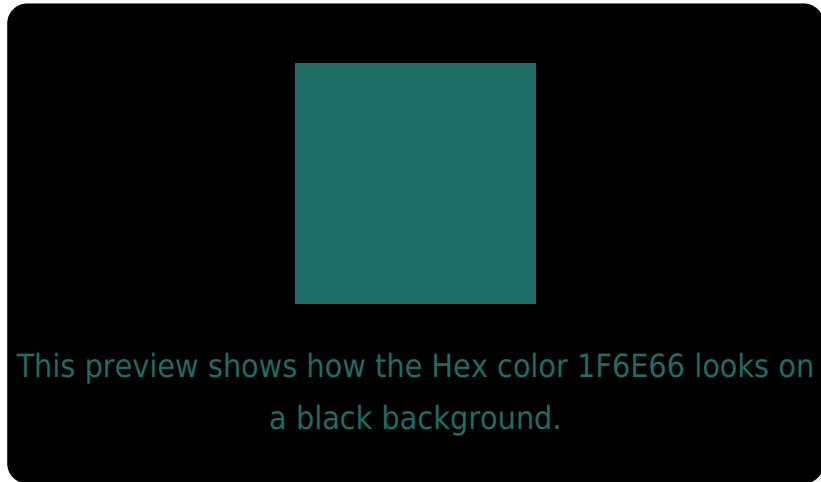
Large Text (above 18pt) WCAG AA ✓ Pass

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

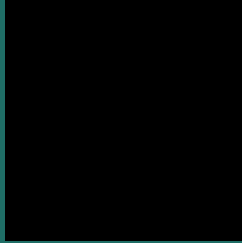
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1F6E66 Background



This preview shows how black text looks on a background with the Hex color 1F6E66.

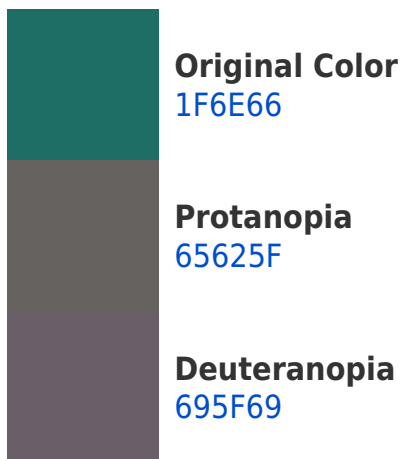


This preview shows how white text looks on a background with the Hex color 1F6E66.

# 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**  
276C75

# Trichromacy



**Original Color**  
1F6E66

**Protanomaly**  
4C6662

**Deuteranomaly**  
4E6468

**Tritanomaly**  
246D70

# Monochromacy



**Original Color**  
1F6E66

**Achromatopsia**  
555555

**Achromatomaly**  
415E5B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1F6E66 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 #1F6E66 looks like.

```
.text, #text, p{  
    color:#1F6E66  
}
```

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 #1F6E66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F6E66  
}
```

## Border

The CSS property to change the border of an element to Hex 1F6E66 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  
#1F6E66 }
```

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

```
.border{ border-color:#1F6E66 }
```

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

Here you see how a box with a 4 pixel #1F6E66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F6E66; -webkit-box-shadow:4px 4px  
4px 4px #1F6E66; box-shadow:4px 4px 4px  
4px #1F6E66 }
```

# Background

The CSS property to change the background color of an element to Hex 1F6E66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F6E66 }
```

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

```
.background{ background-color:#1F6E66 }
```

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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