

# Converting Colors

Hex(1F8076)

Have a look what the booklet for  
Hex(1F8076) contains.

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# Color

**Hex(1F8076)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1F8076
RGB	31, 128, 118
RGB Percent	12%, 50%, 46%
CMY	0.8784, 0.4980, 0.5373
CMYK	0.76, 0.00, 0.08, 0.50
HSL	174°, 61%, 31%
HSV	174°, 76%, 50%
XYZ	11.5543, 17.0377, 19.8192
YIQ	97.8570, -54.6020, -23.6740

# Conversions

## Conversions Part 2

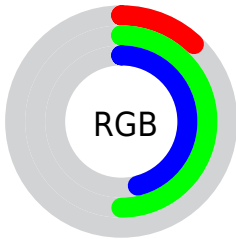
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	31, 82, 128
Decimal	2064502
CIE <sub>Lab</sub>	48.31, -29.50, -2.47
CIE <sub>LCh</sub>	48, 29.603, 184.788
Yxy	17.0377, 0.2387, 0.3519
Android (android.graphics.Color)	4280254582 (0xFF1F8076)
YUV	97.8570, 9.9305, -58.6336
Hunter-Lab	41.2767, -22.2681, 0.4254

# Details

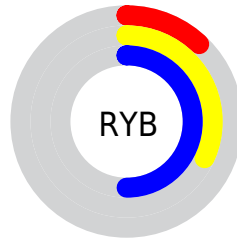
The Hex color **1F8076** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **801F29**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **5CB5AA**, and **004E46** is the 20% darker color. If you saturate the color by 10%, you get **128075**, and if you desaturate by 10%, it is **2C8077**.

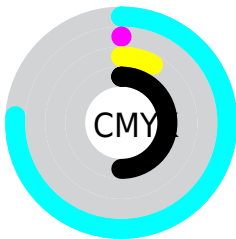
# Distribution



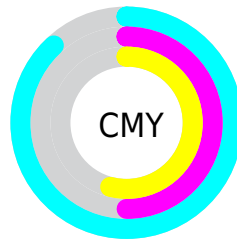
- Red (12%)
- Green (50%)
- Blue (46%)



- Red (12%)
- Yellow (32%)
- Blue (50%)



- Cyan (76%)
- Magenta (0%)
- Yellow (8%)
- Black (50%)



- Cyan (88%)
- Magenta (50%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1F8076 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 1F8076 by changing the saturation by 10% instead.



 1F8076

 1F8076

FFFFFF

 00675D

 5CB5AA

 004E46

 78D1C5

 003730

 94EEE1

 00221B

 B1FFFE

 000000

 CEFFFF

 EBFFFF

 1F8076

 1F8076

 128075

 2C8077

■ 058073

■ 398079

■ 008073

■ 45807A

■ 52807B

■ 5F807D

■ 6C807E

■ 79807F

■ 858081

■ 928082

# Harmonies

## Analogous

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



467E5D



1F8076



007F8E

# Triad

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



1F8076



7B6B9C



946A46

# Complementary

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



1F8076



801F29

# 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.



A16257



1F8076



956288

# Square

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



1F8076



5474A4



A25F70



7F7340

# Rectangle

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



1F8076



0F7D9B



A25F70



9A674B



# Sweetspot

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



1F8076



80A6A2



2A801F



3D5452



D4D4D4



545454



# Same Dimension

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



1F8076



0FA696



1F5B80



39403F



008072



000000



# Inverse Universe

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



801F29



A60F1E



80441F



40393A



80000D

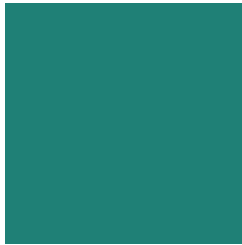


000000



# Previews

## White Background



This preview shows how the Hex color 1F8076 looks on a white background.

## Color Contrast Check

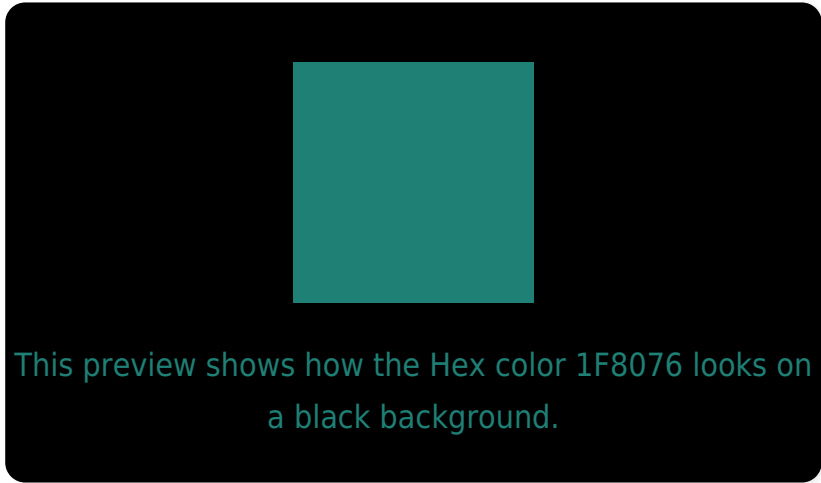
Large Text (above 18pt) WCAG AA ✓ Pass

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

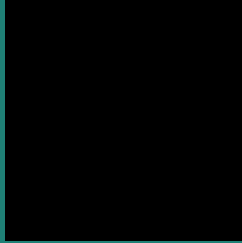
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1F8076 Background



This preview shows how black text looks on a background with the Hex color 1F8076.

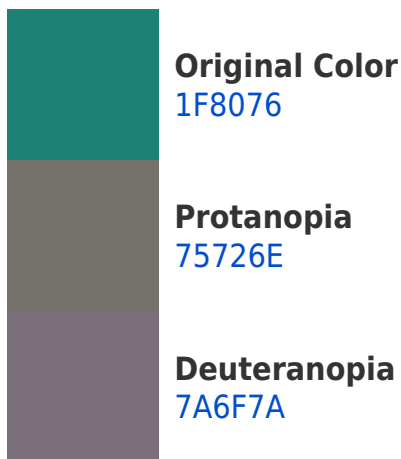


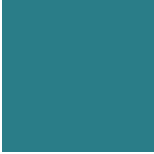
This preview shows how white text looks on a background with the Hex color 1F8076.

# 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**  
2A7D88

# Trichromacy



**Original Color**  
1F8076

**Protanomaly**  
567771

**Deuteranomaly**  
597579

**Tritanomaly**  
267E81

# Monochromacy



**Original Color**  
1F8076

**Achromatopsia**  
626262

**Achromatomaly**  
4A6D69

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1F8076 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 #1F8076 looks like.

```
.text, #text, p{  
    color:#1F8076  
}
```

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 #1F8076 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F8076  
}
```

## Border

The CSS property to change the border of an element to Hex 1F8076 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  
#1F8076 }
```

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

```
.border{ border-color:#1F8076 }
```

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

Here you see how a box with a 4 pixel #1F8076 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F8076; -webkit-box-shadow:4px 4px  
4px 4px #1F8076; box-shadow:4px 4px 4px  
4px #1F8076 }
```

# Background

The CSS property to change the background color of an element to Hex 1F8076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F8076 }
```

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

```
.background{ background-color:#1F8076 }
```

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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