

# Converting Colors

Hex(1F8667)

Have a look what the booklet for  
Hex(1F8667) contains.

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# Color

**Hex(1F8667)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1F8667
RGB	31, 134, 103
RGB Percent	12%, 53%, 40%
CMY	0.8784, 0.4745, 0.5961
CMYK	0.77, 0.00, 0.23, 0.47
HSL	162°, 62%, 32%
HSV	162°, 77%, 53%
XYZ	11.5384, 18.3208, 15.7601
YIQ	99.6690, -51.4370, -31.4770

# Conversions

## Conversions Part 2

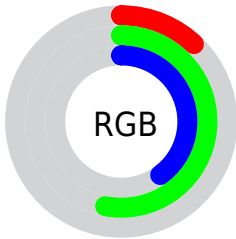
<b>Format</b>	<b>Color</b>
<b>RYB</b>	31, 92, 134
Decimal	2066023
CIELab	49.88, -36.40, 8.58
CIELCh	50, 37.402, 166.736
Yxy	18.3208, 0.2529, 0.4016
Android (android.graphics.Color)	4280256103 (0xFF1F8667)
YUV	99.6690, 1.6422, -60.2227
Hunter-Lab	42.8028, -26.7866, 8.1312

# Details

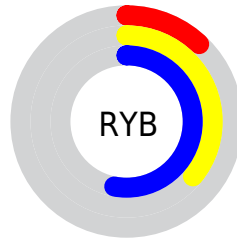
The Hex color **1F8667** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **861F3E**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **5DBC9A**, and **005338** is the 20% darker color. If you saturate the color by 10%, you get **128663**, and if you desaturate by 10%, it is **2C866B**.

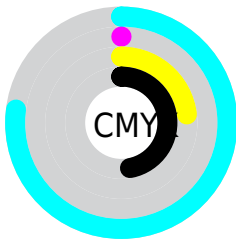
# Distribution



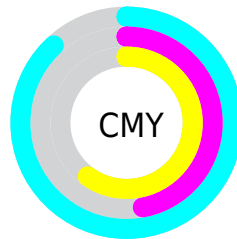
- Red (12%)
- Green (53%)
- Blue (40%)



- Red (12%)
- Yellow (36%)
- Blue (53%)



- Cyan (77%)
- Magenta (0%)
- Yellow (23%)
- Black (47%)



- Cyan (88%)
- Magenta (47%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1F8667 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 1F8667 by changing the saturation by 10% instead.



 1F8667

 1F8667

FFFFFF

 006C4F

 5DBC9A

 005338

 79D8B5

 003B23

 95F5D0

 00260D

 B1FFED

 000000

 CEFFFF

 EBFFFF

 1F8667

 1F8667

 128663

 2C866B

■ 04865F

■ 3A866F

■ 00865E

■ 478673

■ 558677

■ 62867B

■ 6F867F

■ 7D8683

■ 8A8687

■ 98868B

# Harmonies

## Analogous

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



54824A



1F8667



008788

# Triad

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



1F8667



6274B3



AB644A

# Complementary

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



1F8667



861F3E

# 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.



B35D66



1F8667



9067A2

# Square

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



1F8667



0D7EB4



AB5E86



967038

# Rectangle

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



1F8667



00869C



AB5E86



AF6152



# Sweetspot

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



1F8667



86ADA1



40861F



3E574F



D6D6D6



575757



# Same Dimension

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



1F8667



0EAD7D



1F7386



3C4240



00825B



000302



# Inverse Universe

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



861F3E



AD0E3E



86321F



423C3E



820027



030001



# Previews

## White Background



This preview shows how the Hex color 1F8667 looks on a white background.

## Color Contrast Check

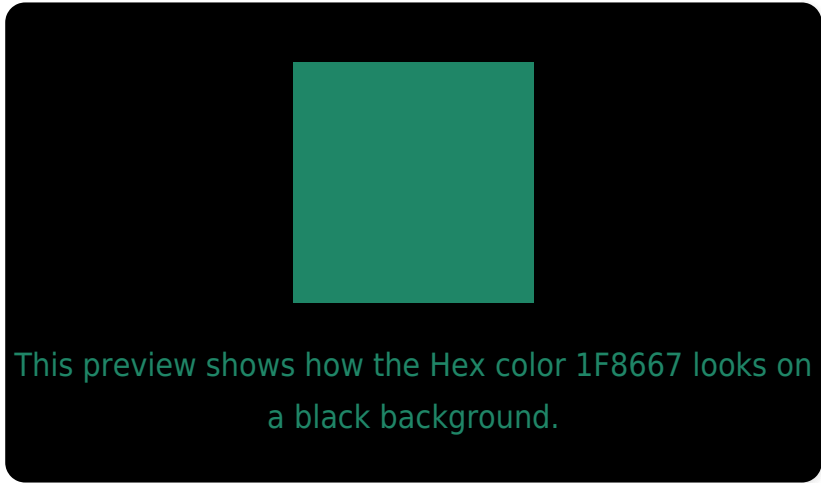
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 1F8667 Background



This preview shows how black text looks on a background with the Hex color 1F8667.

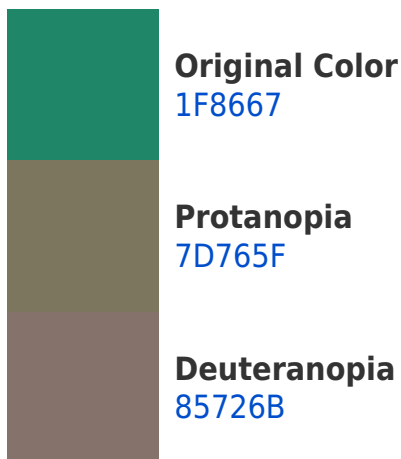



This preview shows how white text looks on a background with the Hex color 1F8667.

# 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**  
33818C

# Trichromacy



**Original Color**  
1F8667



**Protanomaly**  
5B7C62



**Deuteranomaly**  
60796A



**Tritanomaly**  
2C837F

# Monochromacy



**Original Color**  
1F8667



**Achromatopsia**  
646464



**Achromatomaly**  
4B7065

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1F8667 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 #1F8667 looks like.

```
.text, #text, p{  
    color:#1F8667  
}
```

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 #1F8667 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F8667
}
```

## Border

The CSS property to change the border of an element to Hex 1F8667 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
#1F8667 }
```

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

```
.border{ border-color:#1F8667 }
```

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

Here you see how a box with a 4 pixel #1F8667 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F8667; -webkit-box-shadow:4px 4px  
4px 4px #1F8667; box-shadow:4px 4px 4px  
4px #1F8667 }
```

# Background

The CSS property to change the background color of an element to Hex 1F8667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F8667 }
```

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

```
.background{ background-color:#1F8667 }
```

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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