

Converting Colors

Hex(1F8087)

Have a look what the booklet for
Hex(1F8087) contains.

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Color

Hex(1F8087)

Conversions

Conversions Part 1

Format	Color
Hex	1F8087
RGB	31, 128, 135
RGB Percent	12%, 50%, 53%
CMY	0.8784, 0.4980, 0.4706
CMYK	0.77, 0.05, 0.00, 0.47
HSL	184°, 63%, 33%
HSV	184°, 77%, 53%
XYZ	12.6574, 17.4789, 25.6283
YIQ	99.7950, -60.0590, -18.3870

Conversions

Conversions Part 2

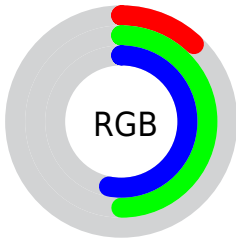
Format	Color
R_{YB}	31, 81, 135
Decimal	2064519
CIE _{Lab}	48.86, -24.23, -11.66
CIE _{LCh}	49, 26.888, 205.703
Y _{xy}	17.4789, 0.2270, 0.3134
Android (android.graphics.Color)	4280254599 (0xFF1F8087)
YUV	99.7950, 17.3561, -60.3332
Hunter-Lab	41.8078, -19.1223, -7.0795

Details

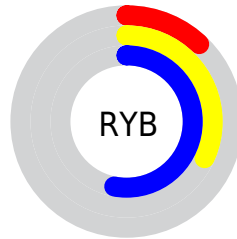
The Hex color **1F8087** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **87261F**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **5EB5BC**, and **004E55** is the 20% darker color. If you saturate the color by 10%, you get **127F87**, and if you desaturate by 10%, it is **2D8187**.

Distribution



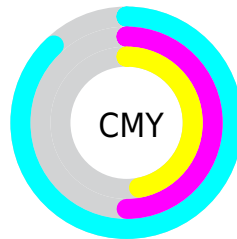
- Red (12%)
- Green (50%)
- Blue (53%)



- Red (12%)
- Yellow (32%)
- Blue (53%)



- Cyan (77%)
- Magenta (5%)
- Yellow (0%)
- Black (47%)



- Cyan (88%)
- Magenta (50%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F8087 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 1F8087 by changing the saturation by 10% instead.

 1F8087

 1F8087

FFFFFF

 00676E

 5EB5BC

 004E55

 7BD1D8

 00373E

 97EDF4

 002228

 B4FFFF

 000114

 D1FFFF

 000000

 EEEFFF

 1F8087

 1F8087

 127F87

 2D8187

047E87

3A8287

007E87

488387

558487

638587

708587

7E8687

8B8787

998887

Harmonies

Analogous

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



388070



1F8087



2A7D99

Triad

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



1F8087



8E678E



867247

Complementary

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



1F8087



87261F

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.



986A4F



1F8087



9E6378

Square

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



1F8087



726F9D



A06461



6F794A

Rectangle

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



1F8087



427AA0



A06461



8D6F48

Sweetspot

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



1F8087



87ADB0



1F8726



405859



D9D9D9



595959

Same Dimension

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



1F8087



0EA5B0



1F4C87



3C4242



007982



000203

Inverse Universe

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



871F80



B00EA5



875A1F



423C42



820079



030002

Previews

White Background



This preview shows how the Hex color 1F8087 looks on a white background.

Color Contrast Check

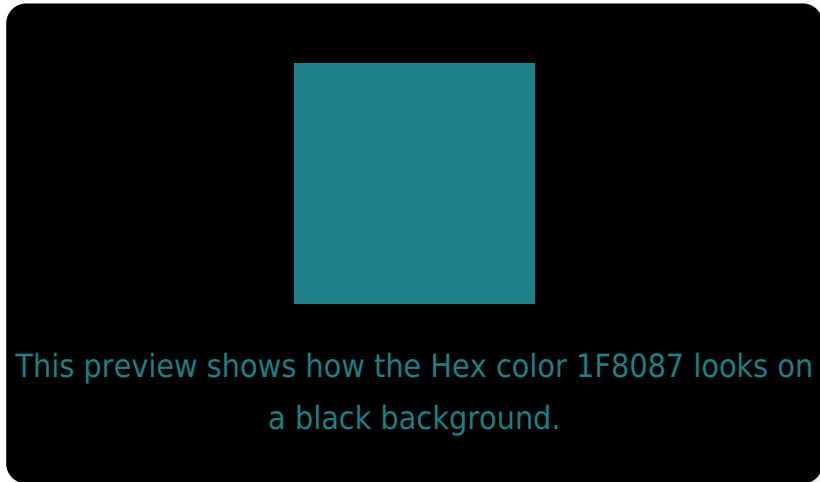
Large Text (above 18pt) WCAG AA ✓ Pass

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

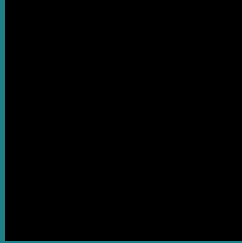
Any Text WCAG AA ✓ Pass

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 1F8087 Background



This preview shows how black text looks on a background with the Hex color 1F8087.

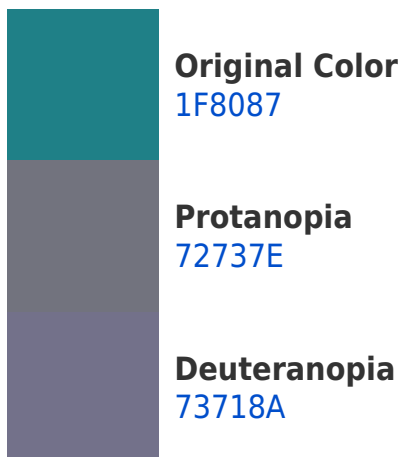


This preview shows how white text looks on a background with the Hex color 1F8087.

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](#).

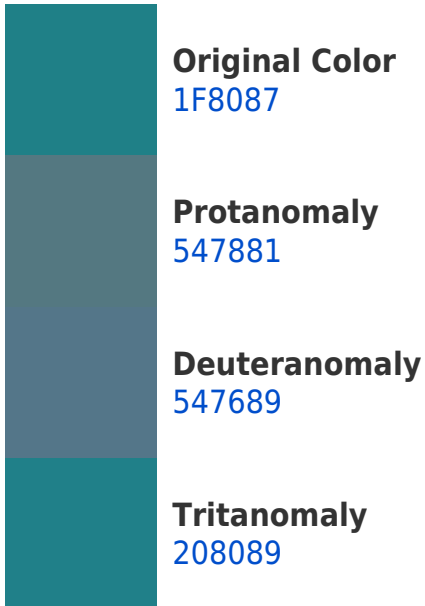
Dichromacy



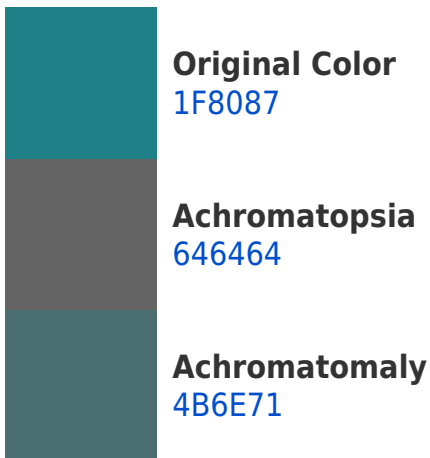


Tritanopia
21808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1F8087 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 #1F8087 looks like.

```
.text, #text, p{  
    color:#1F8087  
}
```

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 #1F8087 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F8087
}
```

Border

The CSS property to change the border of an element to Hex 1F8087 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
#1F8087 }
```

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

```
.border{ border-color:#1F8087 }
```

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

Here you see how a box with a 4 pixel #1F8087 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F8087; -webkit-box-shadow:4px 4px  
4px 4px #1F8087; box-shadow:4px 4px 4px  
4px #1F8087 }
```

Background

The CSS property to change the background color of an element to Hex 1F8087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F8087 }
```

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

```
.background{ background-color:#1F8087 }
```

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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