

Converting Colors

Hex(1F87AC)

Have a look what the booklet for
Hex(1F87AC) contains.

Hex(1F87AC)	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(1F87AC)

Conversions

Conversions Part 1

Format	Color
Hex	1F87AC
RGB	31, 135, 172
RGB Percent	12%, 53%, 67%
CMY	0.8784, 0.4706, 0.3255
CMYK	0.82, 0.22, 0.00, 0.33
HSL	196°, 69%, 40%
HSV	196°, 82%, 67%
XYZ	16.6754, 20.5978, 42.1266
YIQ	108.1220, -73.8610, -10.5410

Conversions

Conversions Part 2

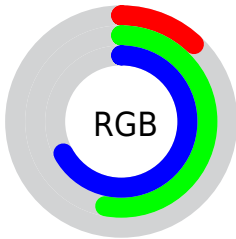
Format	Color
R _Y B	31, 91, 172
Decimal	2066348
CIE _{Lab}	52.51, -15.38, -27.62
CIE _{LCh}	53, 31.612, 240.892
Y _{xy}	20.5978, 0.2100, 0.2594
Android (android.graphics.Color)	4280256428 (0xFF1F87AC)
Y _{UV}	108.1220, 31.4919, -67.6360
Hunter-Lab	45.3848, -13.8383, -23.2642

Details

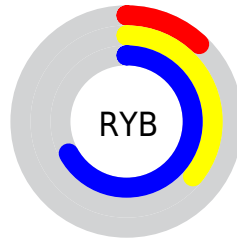
The Hex color **1F87AC** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **AC441F**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **65BCE4**, and **005578** is the 20% darker color. If you saturate the color by 10%, you get **0E82AC**, and if you desaturate by 10%, it is **308CAC**.

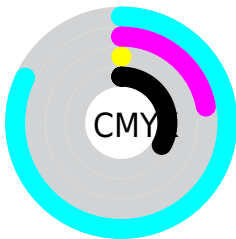
Distribution



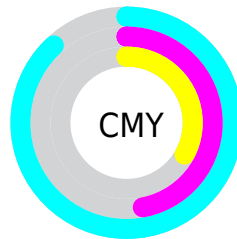
- Red (12%)
- Green (53%)
- Blue (67%)



- Red (12%)
- Yellow (36%)
- Blue (67%)



- Cyan (82%)
- Magenta (22%)
- Yellow (0%)
- Black (33%)



- Cyan (88%)
- Magenta (47%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F87AC 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 1F87AC by changing the saturation by 10% instead.

1F87AC

1F87AC

FFFFFF

006E91

65BCE4

005578

82D8FF

003E5F

A0F5FF

002847

BDFFFF

001330

DBFFFF

00011B

F9FFFF

000000

1F87AC

1F87AC

0E82AC

308CAC

007FAC

4190AC

5395AC

6499AC

759EAC

86A2AC

97A7AC

A9ABAC

BAB0AC

Harmonies

Analogous

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



008B98



1F87AC



5680B3

Triad

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



1F87AC



B0687E



72844E

Complementary

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



1F87AC



AC441F

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.



8E7C46



1F87AC



B16A63

Square

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



1F87AC



A06D98



A4724F



518962

Rectangle

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



1F87AC



7479B0



A4724F



7C824A

Sweetspot

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



1F87AC



A8D2E0



1FAC42



4F6770



F0F0F0



707070

Same Dimension

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



1F87AC



04A7E0



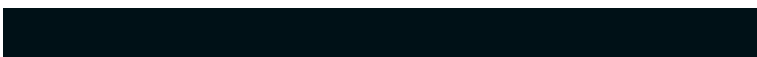
1F42AC



4E5457



006F96



001117

Inverse Universe

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



AC1F87



E004A7



AC891F



574E54



96006F



170011

Previews

White Background



This preview shows how the Hex color 1F87AC looks on a white background.

Color Contrast Check

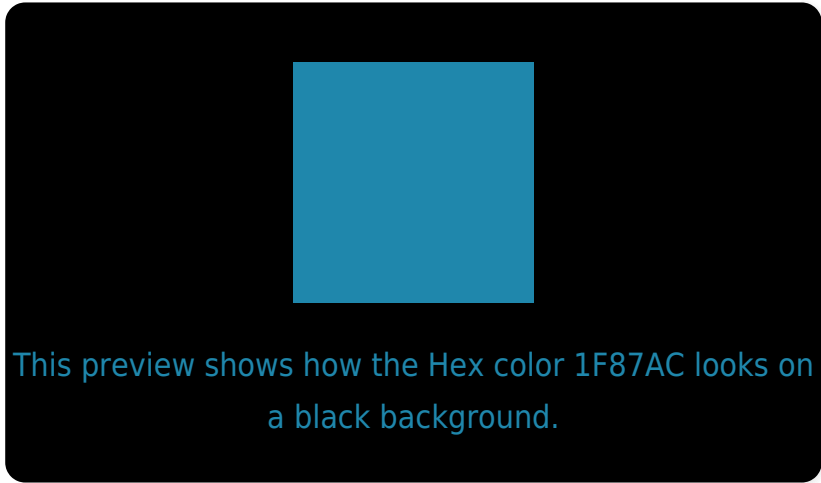
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

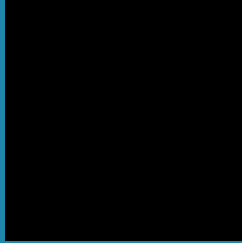
Any Text WCAG AA ✓ Pass

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 1F87AC Background



This preview shows how black text looks on a background with the Hex color 1F87AC.

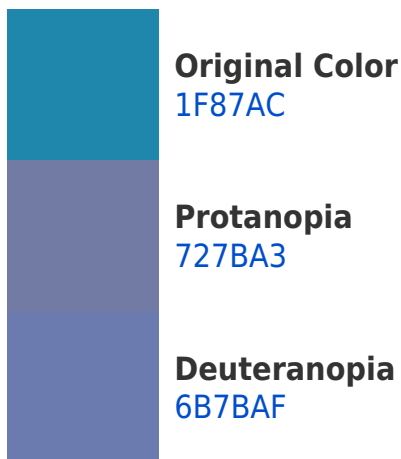


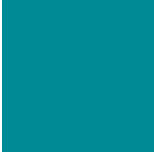
This preview shows how white text looks on a background with the Hex color 1F87AC.

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](#).

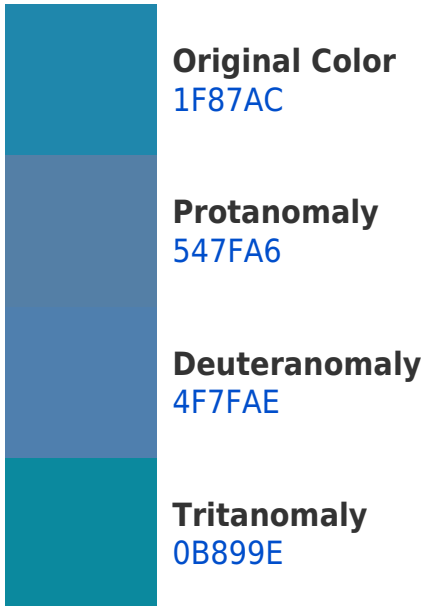
Dichromacy





Tritanopia
008A96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1F87AC 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 #1F87AC looks like.

```
.text, #text, p{  
    color:#1F87AC  
}
```

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 #1F87AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F87AC
}
```

Border

The CSS property to change the border of an element to Hex 1F87AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

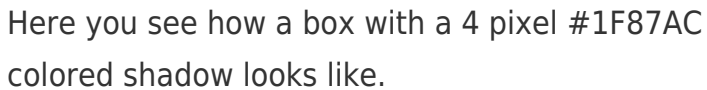
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1F87AC }
```

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

```
.border{ border-color:#1F87AC }
```

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



Here you see how a box with a 4 pixel #1F87AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F87AC; -webkit-box-shadow:4px 4px  
4px 4px #1F87AC; box-shadow:4px 4px 4px  
4px #1F87AC }
```

Background

The CSS property to change the background color of an element to Hex 1F87AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F87AC }
```

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

```
.background{ background-color:#1F87AC }
```

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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