

Converting Colors

Hex(1F7C9C)

Have a look what the booklet for
Hex(1F7C9C) contains.

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Color

Hex(1F7C9C)

Conversions

Conversions Part 1

Format	Color
Hex	1F7C9C
RGB	31, 124, 156
RGB Percent	12%, 49%, 61%
CMY	0.8784, 0.5137, 0.3882
CMYK	0.80, 0.21, 0.00, 0.39
HSL	195°, 67%, 37%
HSV	195°, 80%, 61%
XYZ	13.7735, 17.1069, 34.0285
YIQ	99.8410, -65.7000, -9.7640

Conversions

Conversions Part 2

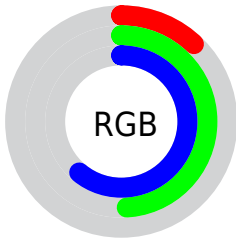
Format	Color
RYB	31, 84, 156
Decimal	2063516
CIELab	48.39, -14.94, -24.70
CIElCh	48, 28.864, 238.838
Yxy	17.1069, 0.2122, 0.2636
Android (android.graphics.Color)	4280253596 (0xFF1F7C9C)
YUV	99.8410, 27.6864, -60.3736
Hunter-Lab	41.3605, -12.9385, -19.8273

Details

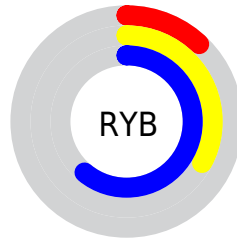
The Hex color **1F7C9C** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **9C3F1F**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **61B1D3**, and **004B69** is the 20% darker color. If you saturate the color by 10%, you get **0F789C**, and if you desaturate by 10%, it is **2F809C**.

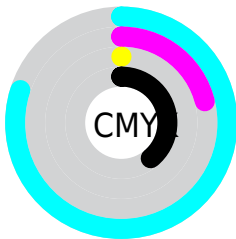
Distribution



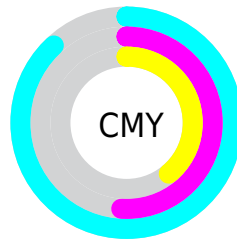
- Red (12%)
- Green (49%)
- Blue (61%)



- Red (12%)
- Yellow (33%)
- Blue (61%)



- Cyan (80%)
- Magenta (21%)
- Yellow (0%)
- Black (39%)



- Cyan (88%)
- Magenta (51%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F7C9C 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 1F7C9C by changing the saturation by 10% instead.

■ 1F7C9C

■ 1F7C9C

FFFFFF

■ 006382

■ 61B1D3

■ 004B69

■ 7ECCEF

■ 003450

■ 9BE8FF

■ 002039

■ B8FFFF

■ 000224

■ D5FFFF

■ 00000B

■ F3FFFF

■ 000000

■ 1F7C9C

■ 1F7C9C

■ 0F789C

■ 2F809C

00749C

3E849C

4E889C

5D8C9C

6D909C

7D949C

8C989C

9C9C9C

ABA09C

Harmonies

Analogous

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



017F8A



1F7C9C



4D76A3

Triad

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



1F7C9C



A06075



6B7847

Complementary

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



1F7C9C



9C3F1F

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.



847142



1F7C9C



A2625D

Square

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



1F7C9C



91648D



97694A



4E7D59

Rectangle

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



1F7C9C



6870A1



97694A



737644

Sweetspot

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



1F7C9C



9BBFCC



1F9C3E



485E66



E6E6E6



666666

Same Dimension

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



1F7C9C



089ACC



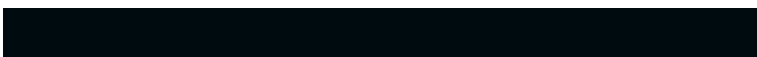
1F3E9C



474D4F



006A8F



000B0F

Inverse Universe

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



9C1F7C



CC089A



9C7D1F



4F474D



8F006A



0F000B

Previews

White Background



This preview shows how the Hex color 1F7C9C looks on a white background.

Color Contrast Check

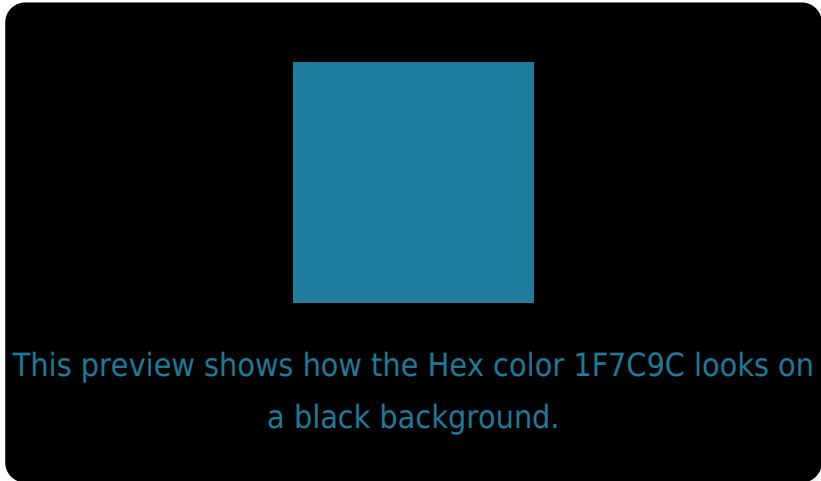
Large Text (above 18pt) WCAG AA ✓ Pass

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

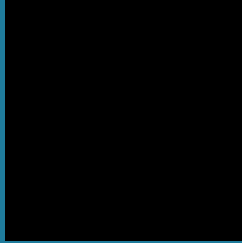
Any Text WCAG AA × Fail

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 1F7C9C Background



This preview shows how black text looks on a background with the Hex color 1F7C9C.

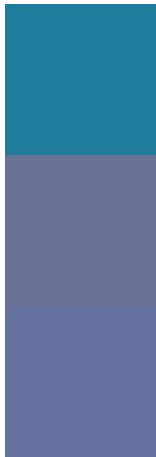


This preview shows how white text looks on a background with the Hex color 1F7C9C.

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



Original Color
1F7C9C

Protanopia
697194

Deuteranopia
64719F



Tritanopia
007F89

Trichromacy



Original Color
1F7C9C

Protanomaly
4E7597

Deuteranomaly
4B759E

Tritanomaly
0B7E90

Monochromacy



Original Color
1F7C9C

Achromatopsia
646464

Achromatomaly
4B6D78

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F7C9C 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 #1F7C9C looks like.

```
.text, #text, p{  
    color:#1F7C9C  
}
```

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 #1F7C9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F7C9C
}
```

Border

The CSS property to change the border of an element to Hex 1F7C9C 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
#1F7C9C }
```

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

```
.border{ border-color:#1F7C9C }
```

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

Here you see how a box with a 4 pixel #1F7C9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F7C9C; -webkit-box-shadow:4px 4px  
4px 4px #1F7C9C; box-shadow:4px 4px 4px  
4px #1F7C9C }
```

Background

The CSS property to change the background color of an element to Hex 1F7C9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F7C9C }
```

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

```
.background{ background-color:#1F7C9C }
```

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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