

Converting Colors

Hex(1F7E97)

Have a look what the booklet for
Hex(1F7E97) contains.

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Color

Hex(1F7E97)

Conversions

Conversions Part 1

Format	Color
Hex	1F7E97
RGB	31, 126, 151
RGB Percent	12%, 49%, 59%
CMY	0.8784, 0.5059, 0.4078
CMYK	0.79, 0.17, 0.00, 0.41
HSL	192°, 66%, 36%
HSV	192°, 79%, 59%
XYZ	13.6118, 17.4474, 31.9284
YIQ	100.4450, -64.6450, -12.3650

Conversions

Conversions Part 2

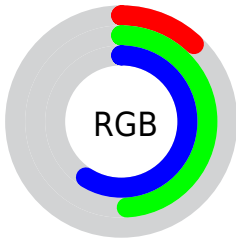
Format	Color
R_{YB}	31, 84, 151
Decimal	2064023
CIE _{Lab}	48.82, -17.80, -21.12
CIE _{LCh}	49, 27.615, 229.876
Yxy	17.4474, 0.2161, 0.2770
Android (android.graphics.Color)	4280254103 (0xFF1F7E97)
YUV	100.4450, 24.9236, -60.9033
Hunter-Lab	41.7701, -14.9288, -16.0814

Details

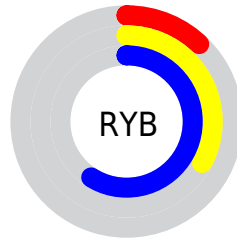
The Hex color **1F7E97** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **97381F**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **60B3CD**, and **004D64** is the 20% darker color. If you saturate the color by 10%, you get **107B97**, and if you desaturate by 10%, it is **2E8197**.

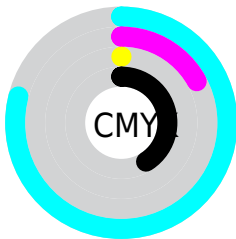
Distribution



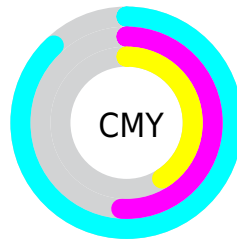
- Red (12%)
- Green (49%)
- Blue (59%)



- Red (12%)
- Yellow (33%)
- Blue (59%)



- Cyan (79%)
- Magenta (17%)
- Yellow (0%)
- Black (41%)



- Cyan (88%)
- Magenta (51%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F7E97 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 1F7E97 by changing the saturation by 10% instead.

■ 1F7E97

■ 1F7E97

FFFFFF

■ 00657D

■ 60B3CD

■ 004D64

■ 7DCEEA

■ 00364C

■ 9AEBFF

■ 002135

■ B7FFFF

■ 000220

■ D4FFFF

■ 000004

■ F2FFFF

■ 000000

■ 1F7E97

■ 1F7E97

■ 107B97

■ 2E8197

■ 017897

■ 3D8497

■ 007897

■ 4C8797

■ 5B8B97

■ 6A8E97

■ 7A9197

■ 899497

■ 989797

■ A79A97

Harmonies

Analogous

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



1D8083



1F7E97



4579A2

Triad

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



1F7E97



9C637D



747747

Complementary

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



1F7E97



97381F

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.



8B7046



1F7E97



A26365

Square

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



1F7E97



8A6892



9B6851



597D55

Rectangle

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



1F7E97



5F74A2



9B6851



7C7545

Sweetspot

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



1F7E97



95BBC4



1F9737



475D63



E3E3E3



636363

Same Dimension

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



1F7E97



0A9DC4



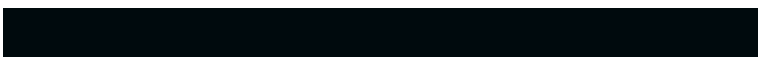
1F4397



454B4D



006F8C



000A0D

Inverse Universe

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



971F7E



C40A9D



97731F



4D454B



8C006F



0D000A

Previews

White Background



This preview shows how the Hex color 1F7E97 looks on a white background.

Color Contrast Check

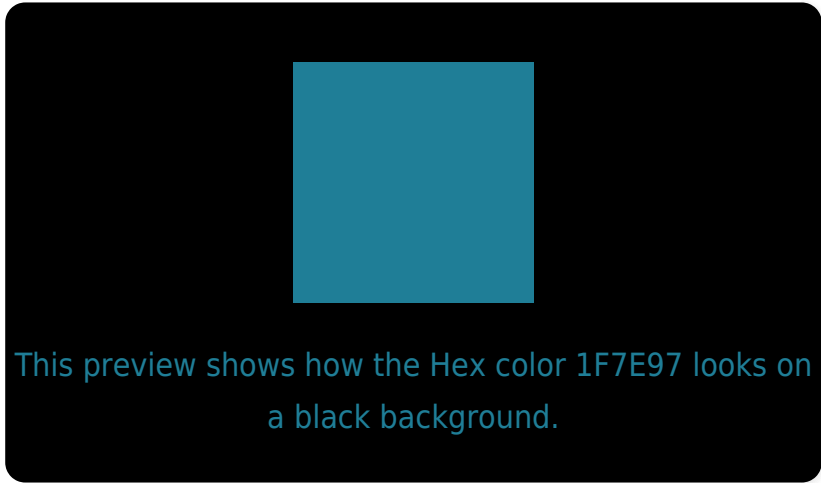
Large Text (above 18pt) WCAG AA ✓ Pass

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

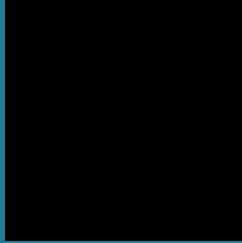
Any Text WCAG AA × Fail

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 1F7E97 Background



This preview shows how black text looks on a background with the Hex color 1F7E97.

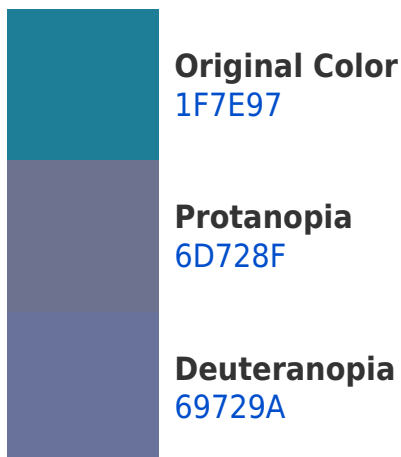


This preview shows how white text looks on a background with the Hex color 1F7E97.

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
0E808B

Trichromacy



Original Color
1F7E97

Protanomaly
517692

Deuteranomaly
4E7699

Tritanomaly
147F8F

Monochromacy



Original Color
1F7E97

Achromatopsia
646464

Achromatomaly
4B6D77

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F7E97 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 #1F7E97 looks like.

```
.text, #text, p{  
    color:#1F7E97  
}
```

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 #1F7E97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F7E97
}
```

Border

The CSS property to change the border of an element to Hex 1F7E97 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
#1F7E97 }
```

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

```
.border{ border-color:#1F7E97 }
```

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

Here you see how a box with a 4 pixel #1F7E97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F7E97; -webkit-box-shadow:4px 4px  
4px 4px #1F7E97; box-shadow:4px 4px 4px  
4px #1F7E97 }
```

Background

The CSS property to change the background color of an element to Hex 1F7E97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F7E97 }
```

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

```
.background{ background-color:#1F7E97 }
```

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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