

Converting Colors

Hex(1F7777)

Have a look what the booklet for
Hex(1F7777) contains.

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Color

Hex(1F7777)

Conversions

Conversions Part 1

Format	Color
Hex	1F7777
RGB	31, 119, 119
RGB Percent	12%, 47%, 47%
CMY	0.8784, 0.5333, 0.5333
CMYK	0.74, 0.00, 0.00, 0.53
HSL	180°, 59%, 29%
HSV	180°, 74%, 47%
XYZ	10.4917, 14.8169, 19.7597
YIQ	92.6880, -52.4480, -18.6560

Conversions

Conversions Part 2

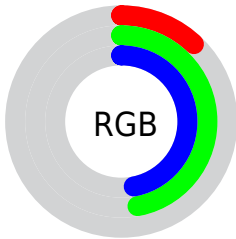
Format	Color
RYB	31, 75, 119
Decimal	2062199
CIELab	45.38, -24.73, -7.40
CIELCh	45, 25.813, 196.661
Yxy	14.8169, 0.2328, 0.3288
Android (android.graphics.Color)	4280252279 (0xFF1F7777)
YUV	92.6880, 12.9718, -54.1004
Hunter-Lab	38.4927, -18.7097, -3.4909

Details

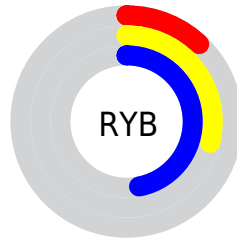
The Hex color **1F7777** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **771F1F**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **5BACAB**, and **004647** is the 20% darker color. If you saturate the color by 10%, you get **137777**, and if you desaturate by 10%, it is **2B7777**.

Distribution



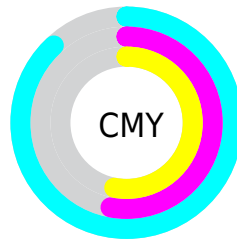
- Red (12%)
- Green (47%)
- Blue (47%)



- Red (12%)
- Yellow (29%)
- Blue (47%)



- Cyan (74%)
- Magenta (0%)
- Yellow (0%)
- Black (53%)



- Cyan (88%)
- Magenta (53%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F7777 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 1F7777 by changing the saturation by 10% instead.

 1F7777

 1F7777

FFFFFF

 005E5E

 5BACAB

 004647

 77C7C6

 002F30

 93E3E2

 001C1B

 AFFFFFF

 000000

 CBFFFF

 E9FFFF

 1F7777

 1F7777

 137777

 2B7777

■ 077777

■ 377777

■ 007777

■ 437777

■ 4F7777

■ 5B7777

■ 667777

■ 727777

■ 7E7777

■ 8A7777

Harmonies

Analogous

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



3A7661



1F7777



1C758A

Triad

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



1F7777



7D6289



826742

Complementary

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



1F7777



771F1F

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.



91604D



1F7777



8F5C76

Square

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



1F7777



606995



965B60



6E6E42

Rectangle

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



1F7777



317292



965B60



886444

Sweetspot

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



1F7777



799C9C



1F771F



3A4F4F



CFCFCF



4F4F4F

Same Dimension

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



1F7777



119C9C



1F4B77



353B3B



007A7A



00FAFA

Inverse Universe

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



771F77



9C119C



774B1F



3B353B



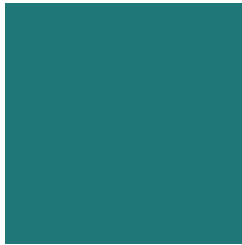
7A007A



FA00FA

Previews

White Background



This preview shows how the Hex color 1F7777 looks on a white background.

Color Contrast Check

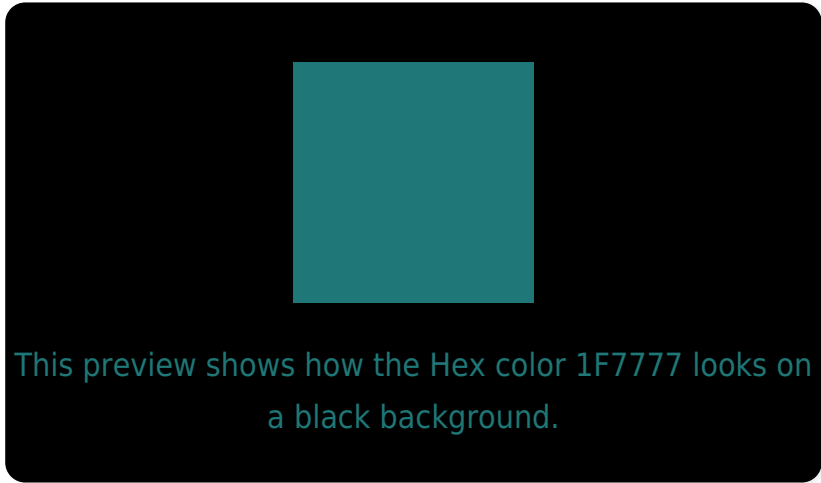
Large Text (above 18pt) WCAG AA ✓ Pass

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

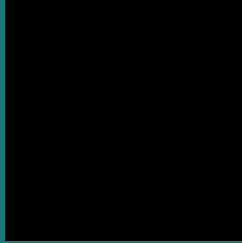
Any Text WCAG AA × Fail

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 1F7777 Background



This preview shows how black text looks on a background with the Hex color 1F7777.

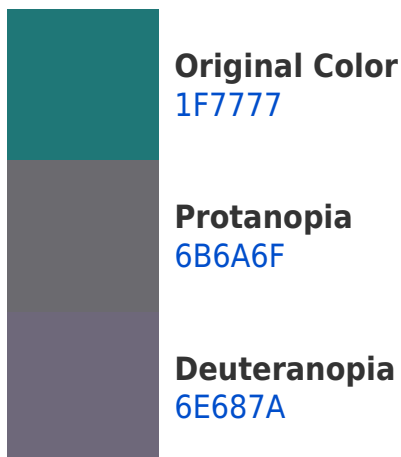


This preview shows how white text looks on a background with the Hex color 1F7777.

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



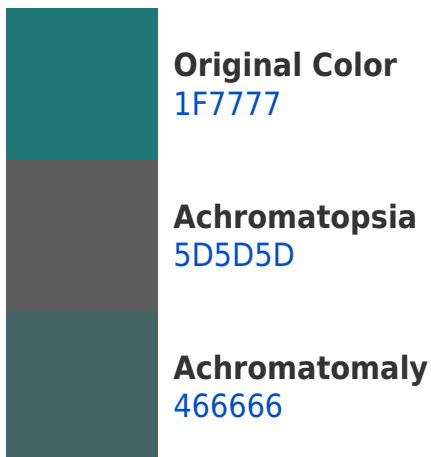


Tritanopia
25767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1F7777 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 #1F7777 looks like.

```
.text, #text, p{  
    color:#1F7777  
}
```

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 #1F7777 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F7777  
}
```

Border

The CSS property to change the border of an element to Hex 1F7777 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  
#1F7777 }
```

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

```
.border{ border-color:#1F7777 }
```

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

Here you see how a box with a 4 pixel #1F7777 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F7777; -webkit-box-shadow:4px 4px  
4px 4px #1F7777; box-shadow:4px 4px 4px  
4px #1F7777 }
```

Background

The CSS property to change the background color of an element to Hex 1F7777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F7777 }
```

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

```
.background{ background-color:#1F7777 }
```

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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