

Converting Colors

Hex(1F7843)

Have a look what the booklet for
Hex(1F7843) contains.

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Color

Hex(1F7843)

Conversions

Conversions Part 1

Format	Color
Hex	1F7843
RGB	31, 120, 67
RGB Percent	12%, 47%, 26%
CMY	0.8784, 0.5294, 0.7373
CMYK	0.74, 0.00, 0.44, 0.53
HSL	144°, 59%, 30%
HSV	144°, 74%, 47%
XYZ	8.2947, 14.1295, 7.6003
YIQ	87.3470, -36.0310, -35.3510

Conversions

Conversions Part 2

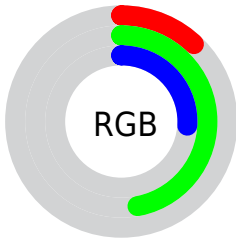
Format	Color
RYB	31, 94, 120
Decimal	2062403
CIELab	44.42, -38.64, 21.82
CIELCh	44, 44.378, 150.547
Yxy	14.1295, 0.2763, 0.4706
Android (android.graphics.Color)	4280252483 (0xFF1F7843)
YUV	87.3470, -10.0311, -49.4163
Hunter-Lab	37.5892, -26.3923, 14.3244

Details

The Hex color **1F7843** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **781F54**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **59AD74**, and **004616** is the 20% darker color. If you saturate the color by 10%, you get **13783C**, and if you desaturate by 10%, it is **2B784A**.

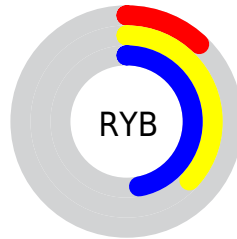
Distribution



Red (12%)

Green (47%)

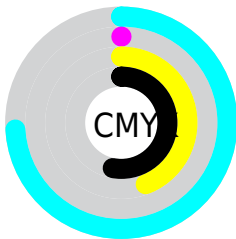
Blue (26%)



Red (12%)

Yellow (37%)

Blue (47%)

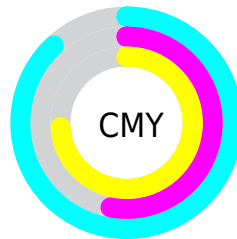


Cyan (74%)

Magenta (0%)

Yellow (44%)

Black (53%)



Cyan (88%)

Magenta (53%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F7843 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 1F7843 by changing the saturation by 10% instead.



1F7843



1F7843

FFFFFF



005F2C



59AD74



004616



74C98E



002F00



90E5A8



001800



ABFFC3



000000



C8FFDF



E5FFFC



1F7843



1F7843



13783C



2B784A

■ 077835

■ 377851

■ 007831

■ 437858

■ 4F7860

■ 5B7867

■ 67786E

■ 737875

■ 7F787C

■ 8B7883

Harmonies

Analogous

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



577225



1F7843



007B69

Triad

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



1F7843



006DB3



AA4C46

Complementary

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



1F7843



781F54

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.



AB476A



1F7843



6A5FA9

Square

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



1F7843



0076A9



96508E



995928

Rectangle

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



1F7843



007B82



96508E



AC4951

Sweetspot

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



1F7843



799C87



54781F



3A4F43



CFCFCF



4F4F4F

Same Dimension

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



1F7843



119C49



1F786F



373D3A



007D33



00FC66

Inverse Universe

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



781F54



9C1164



781F28



3D373B



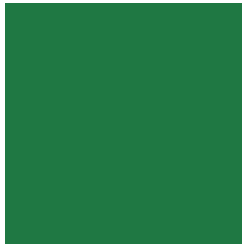
7D004A



FC0096

Previews

White Background



This preview shows how the Hex color 1F7843 looks on a white background.

Color Contrast Check

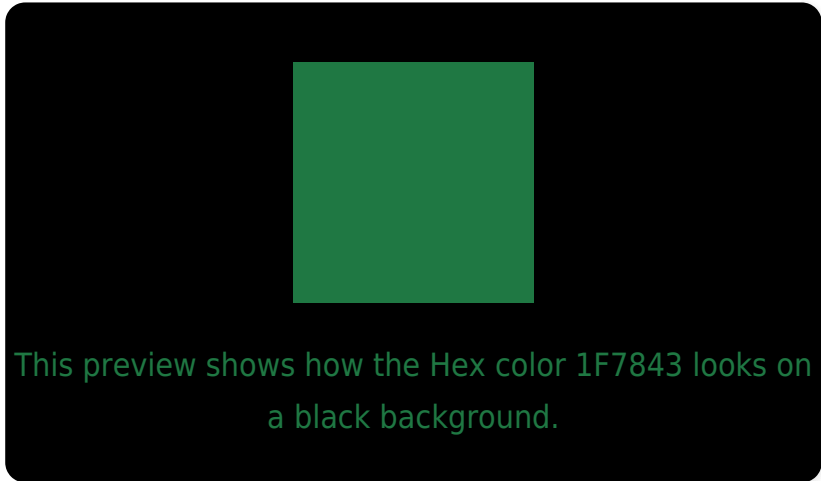
Large Text (above 18pt) WCAG AA ✓ Pass

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

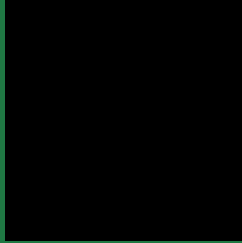
Any Text WCAG AA × Fail

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 1F7843 Background



This preview shows how black text looks on a background with the Hex color 1F7843.



This preview shows how white text looks on a background with the Hex color 1F7843.

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
1F7843

Protanopia
72693D

Deuteranopia
7D6448



Tritanopia
35727B

Trichromacy



Original Color
1F7843



Protanomaly
546E3F



Deuteranomaly
5B6B46



Tritanomaly
2D7467

Monochromacy



Original Color
1F7843



Achromatopsia
575757



Achromatomaly
436350

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F7843 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 #1F7843 looks like.

```
.text, #text, p{  
    color:#1F7843  
}
```

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 #1F7843 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F7843
}
```

Border

The CSS property to change the border of an element to Hex 1F7843 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".

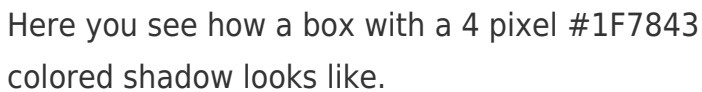
```
.border, #border, table{ border:4px solid
#1F7843 }
```

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

```
.border{ border-color:#1F7843 }
```

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

Here you see how a box with a 4 pixel #1F7843 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F7843; -webkit-box-shadow:4px 4px  
4px 4px #1F7843; box-shadow:4px 4px 4px  
4px #1F7843 }
```

Background

The CSS property to change the background color of an element to Hex 1F7843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F7843 }
```

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

```
.background{ background-color:#1F7843 }
```

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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