

Converting Colors

Hex(1F793F)

Have a look what the booklet for
Hex(1F793F) contains.

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Color

Hex(1F793F)

Conversions

Conversions Part 1

Format	Color
Hex	1F793F
RGB	31, 121, 63
RGB Percent	12%, 47%, 25%
CMY	0.8784, 0.5255, 0.7529
CMYK	0.74, 0.00, 0.48, 0.53
HSL	141°, 59%, 30%
HSV	141°, 74%, 47%
XYZ	8.2996, 14.3249, 7.0302
YIQ	87.4780, -35.0220, -37.1180

Conversions

Conversions Part 2

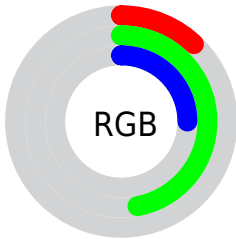
Format	Color
RYB	31, 97, 121
Decimal	2062655
CIELab	44.70, -39.79, 24.41
CIELCh	45, 46.684, 148.472
Yxy	14.3249, 0.2799, 0.4831
Android (android.graphics.Color)	4280252735 (0xFF1F793F)
YUV	87.4780, -12.0677, -49.5312
Hunter-Lab	37.8483, -27.0917, 15.4809

Details

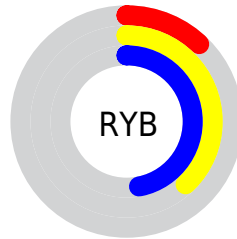
The Hex color **1F793F** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **791F59**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **59AE70**, and **004712** is the 20% darker color. If you saturate the color by 10%, you get **137937**, and if you desaturate by 10%, it is **2B7947**.

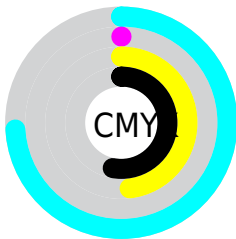
Distribution



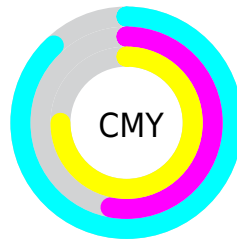
- Red (12%)
- Green (47%)
- Blue (25%)



- Red (12%)
- Yellow (38%)
- Blue (47%)



- Cyan (74%)
- Magenta (0%)
- Yellow (48%)
- Black (53%)



- Cyan (88%)
- Magenta (53%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F793F 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 1F793F by changing the saturation by 10% instead.



1F793F



1F793F

FFFFFF



006028



59AE70



004712



74CA89



003000



90E6A4



001900



ACFFBF



000000



C8FFDB



E5FFF8



1F793F



1F793F



137937



2B7947

07792F

37794F

00792B

437956

4F795E

5B7966

68796E

747976

80797D

8C7985

Harmonies

Analogous

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



59721F



1F793F



007C66

Triad

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



1F793F



006FB8



AE4A47

Complementary

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



1F793F



791F59

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.



AE456D



1F793F



6660AE

Square

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



1F793F



0078AC



974F93



9D5827

Rectangle

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



1F793F



007C81



974F93



B04653

Sweetspot

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



1F793F



7B9E88



59791F



3A4F42



CFCFCF



4F4F4F

Same Dimension

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



1F793F



119E43



1F796B



373D39



007D2C



00FC5A

Inverse Universe

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



791F59



9E116C



791F2D



3D373B



7D0051



FC00A3

Previews

White Background



This preview shows how the Hex color 1F793F looks on a white background.

Color Contrast Check

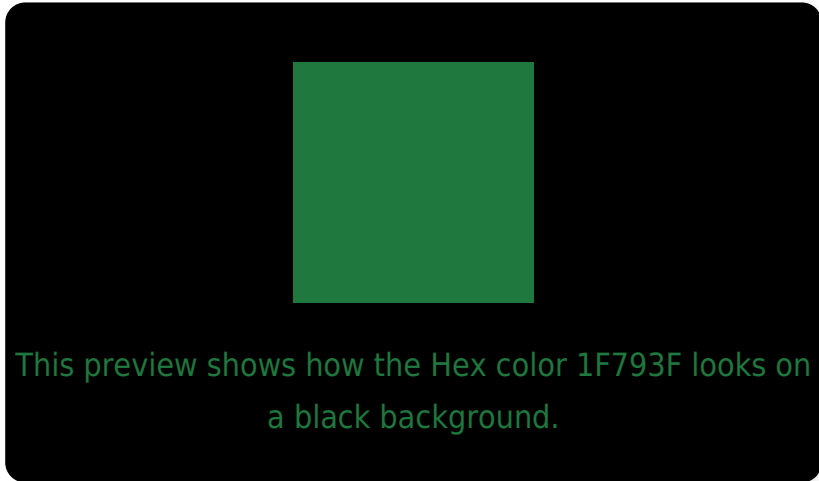
Large Text (above 18pt) WCAG AA ✓ Pass

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 1F793F Background



This preview shows how black text looks on a background with the Hex color 1F793F.



This preview shows how white text looks on a background with the Hex color 1F793F.

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
1F793F

Protanopia
746939

Deuteranopia
7F6444



Tritanopia
36727B

Trichromacy



Original Color
1F793F



Protanomaly
556F3B



Deuteranomaly
5C6C42



Tritanomaly
2E7565

Monochromacy



Original Color
1F793F



Achromatopsia
575757



Achromatomaly
43634E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F793F 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 #1F793F looks like.

```
.text, #text, p{  
    color:#1F793F  
}
```

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 #1F793F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F793F
}
```

Border

The CSS property to change the border of an element to Hex 1F793F 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".

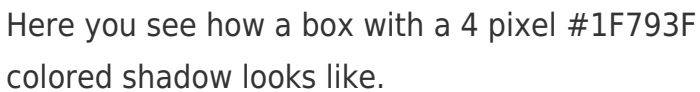
```
.border, #border, table{ border:4px solid
#1F793F }
```

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

```
.border{ border-color:#1F793F }
```

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

Here you see how a box with a 4 pixel #1F793F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F793F; -webkit-box-shadow:4px 4px  
4px 4px #1F793F; box-shadow:4px 4px 4px  
4px #1F793F }
```

Background

The CSS property to change the background color of an element to Hex 1F793F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F793F }
```

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

```
.background{ background-color:#1F793F }
```

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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