

Converting Colors

Hex(1D783F)

Have a look what the booklet for
Hex(1D783F) contains.

Hex(1D783F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1D783F)

Conversions

Conversions Part 1

Format	Color
Hex	1D783F
RGB	29, 120, 63
RGB Percent	11%, 47%, 25%
CMY	0.8863, 0.5294, 0.7529
CMYK	0.76, 0.00, 0.47, 0.53
HSL	142°, 61%, 29%
HSV	142°, 76%, 47%
XYZ	8.1204, 14.0530, 6.9871
YIQ	86.2930, -35.9390, -37.0190

Conversions

Conversions Part 2

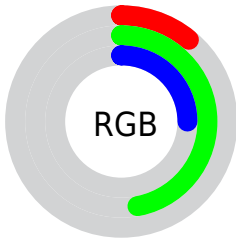
Format	Color
R_{YB}	29, 95, 120
Decimal	1931327
CIE _{Lab}	44.31, -39.74, 23.91
CIE _{LCh}	44, 46.375, 148.964
Yxy	14.0530, 0.2785, 0.4819
Android (android.graphics.Color)	4280121407 (0xFF1D783F)
YUV	86.2930, -11.4834, -50.2460
Hunter-Lab	37.4874, -26.9369, 15.1903

Details

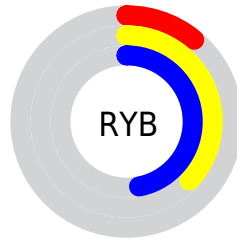
The Hex color **1D783F** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **781D56**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **58AD70**, and **004612** is the 20% darker color. If you saturate the color by 10%, you get **117837**, and if you desaturate by 10%, it is **297847**.

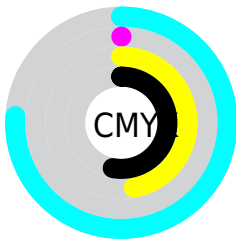
Distribution



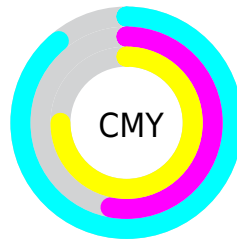
- Red (11%)
- Green (47%)
- Blue (25%)



- Red (11%)
- Yellow (37%)
- Blue (47%)



- Cyan (76%)
- Magenta (0%)
- Yellow (47%)
- Black (53%)



- Cyan (89%)
- Magenta (53%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D783F 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 1D783F by changing the saturation by 10% instead.

 1D783F

 1D783F


FFFFFF

 005F28

 58AD70

 004612

 73C989

 002F00

 8FE5A4

 001800

 ABFFBF


 000000

 C7FFDB

 E4FFF8

 1D783F

 1D783F

 117837

 297847

■ 057830

■ 35784E

■ 00782D

■ 417856

■ 4D785D

■ 597865

■ 65786C

■ 717874

■ 7D787B

■ 897883

Harmonies

Analogous

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



58711F



1D783F



007B66

Triad

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



1D783F



006EB6



AD4946

Complementary

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



1D783F



781D56

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.



AC446C



1D783F



665FAD

Square

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



1D783F



0077AA



964E91



9B5826

Rectangle

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



1D783F



007B81



964E91



AF4652

Sweetspot

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



1D783F



789C85



57781D



394F41



CFCFCF



4F4F4F

Same Dimension

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



1D783F



0E9C43



1D786C



373D39



007D2F



00FC5E

Inverse Universe

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



781D56



9C0E67



781D29



3D373B



7D004E



FC009E

Previews

White Background



This preview shows how the Hex color 1D783F looks on a white background.

Color Contrast Check

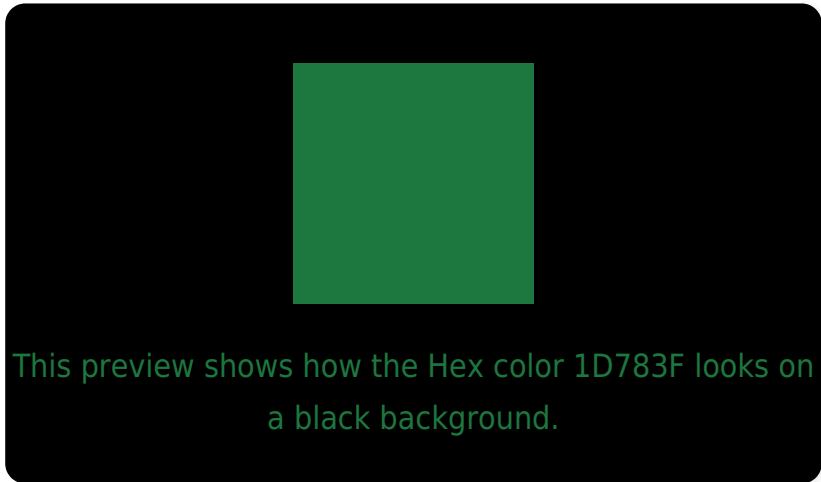
Large Text (above 18pt) WCAG AA ✓ Pass

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

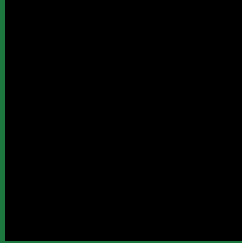
Any Text WCAG AA × Fail

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 1D783F Background



This preview shows how black text looks on a background with the Hex color 1D783F.



This preview shows how white text looks on a background with the Hex color 1D783F.

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
1D783F

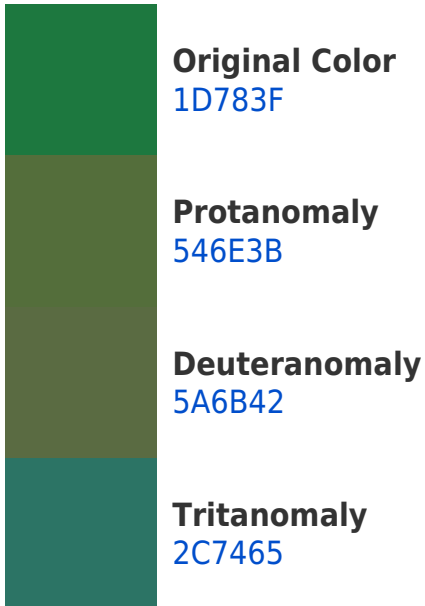
Protanopia
736839

Deuteranopia
7D6444

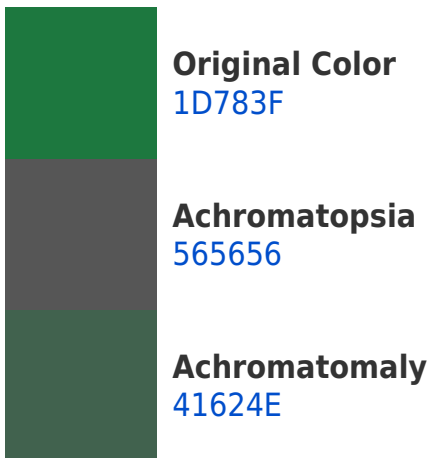


Tritanopia
34717B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1D783F 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 #1D783F looks like.

```
.text, #text, p{  
    color:#1D783F  
}
```

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 #1D783F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D783F
}
```

Border

The CSS property to change the border of an element to Hex 1D783F 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
#1D783F }
```

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

```
.border{ border-color:#1D783F }
```

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

Here you see how a box with a 4 pixel #1D783F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D783F; -webkit-box-shadow:4px 4px  
4px 4px #1D783F; box-shadow:4px 4px 4px  
4px #1D783F }
```

Background

The CSS property to change the background color of an element to Hex 1D783F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D783F }
```

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

```
.background{ background-color:#1D783F }
```

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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