

Converting Colors

Hex(31783F)

Have a look what the booklet for
Hex(31783F) contains.

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Color

Hex(31783F)

Conversions

Conversions Part 1

Format	Color
Hex	31783F
RGB	49, 120, 63
RGB Percent	19%, 47%, 25%
CMY	0.8078, 0.5294, 0.7529
CMYK	0.59, 0.00, 0.47, 0.53
HSL	132°, 42%, 33%
HSV	132°, 59%, 47%
XYZ	8.8803, 14.4448, 7.0227
YIQ	92.2730, -24.0190, -32.7790

Conversions

Conversions Part 2

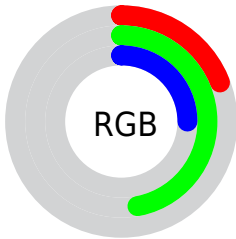
Format	Color
RYB	49, 108, 120
Decimal	3242047
CIELab	44.86, -35.46, 24.73
CIELCh	45, 43.236, 145.109
Yxy	14.4448, 0.2926, 0.4760
Android (android.graphics.Color)	4281432127 (0xFF31783F)
YUV	92.2730, -14.4316, -37.9504
Hunter-Lab	38.0063, -24.8039, 15.6490

Details

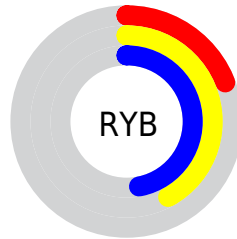
The Hex color **31783F** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **78316A**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **66AD70**, and **004612** is the 20% darker color. If you saturate the color by 10%, you get **257835**, and if you desaturate by 10%, it is **3D7849**.

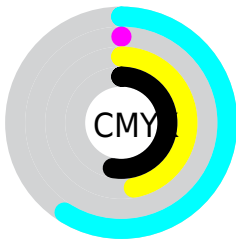
Distribution



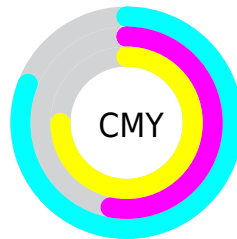
- Red (19%)
- Green (47%)
- Blue (25%)



- Red (19%)
- Yellow (42%)
- Blue (47%)



- Cyan (59%)
- Magenta (0%)
- Yellow (47%)
- Black (53%)



- Cyan (81%)
- Magenta (53%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31783F 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 31783F by changing the saturation by 10% instead.



31783F



31783F

FFFFFF



135F28



66AD70



004612



81C989



002F00



9CE5A4



001A00



B8FFBF



000000



D4FFDB



F1FFF8



31783F



31783F



257835




3D7849


 19782C

 497852

 0D7822

 55785C

 017818


 617866

 007818

 6D786F

 797879

 857882

 91788C

 9D7896

Harmonies

Analogous

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



607124



31783F



007B63

Triad

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



31783F



0070B2



AB4C4E

Complementary

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



31783F



78316A

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.



A84A72



31783F



6163AC

Square

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



31783F



0078A5



905494



9D582F

Rectangle

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



31783F



007C7C



905494



AC4A59

Sweetspot

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



31783F



809C85



6B7831



3E4F41



CFCFCF



4F4F4F

Same Dimension

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



31783F



2D9C43



317862



373D38



007D19



00FC32

Inverse Universe

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



78316A



9C2D86



783147



3D373C



7D0064



FC00CB

Previews

White Background



This preview shows how the Hex color 31783F looks on a white background.

Color Contrast Check

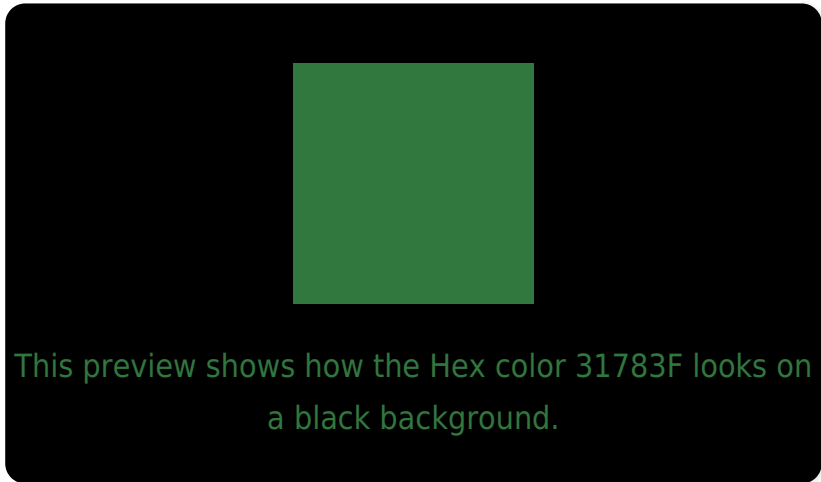
Large Text (above 18pt) WCAG AA ✓ Pass

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

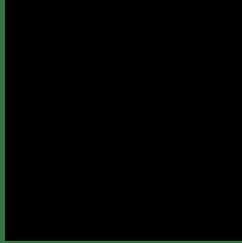
Any Text WCAG AA × Fail

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 31783F Background



This preview shows how black text looks on a background with the Hex color 31783F.

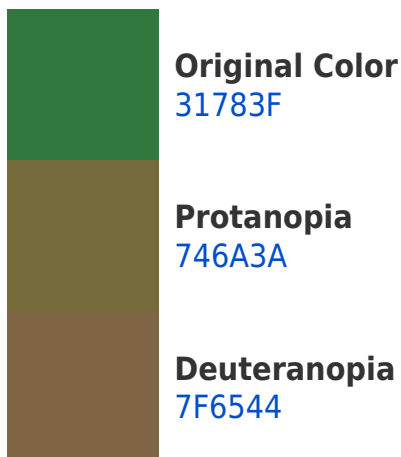


This preview shows how white text looks on a background with the Hex color 31783F.

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
41717A

Trichromacy



Original Color
31783F

Protanomaly
5C6F3C

Deuteranomaly
636C42

Tritanomaly
3B7465

Monochromacy



Original Color
31783F

Achromatopsia
5C5C5C

Achromatomaly
4C6651

CSS Examples

Text

The CSS property to change the color of the text to Hex 31783F 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 #31783F looks like.

```
.text, #text, p{  
    color:#31783F  
}
```

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 #31783F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31783F
}
```

Border

The CSS property to change the border of an element to Hex 31783F 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
#31783F }
```

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

```
.border{ border-color:#31783F }
```

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

Here you see how a box with a 4 pixel #31783F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31783F; -webkit-box-shadow:4px 4px  
4px 4px #31783F; box-shadow:4px 4px 4px  
4px #31783F }
```

Background

The CSS property to change the background color of an element to Hex 31783F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31783F }
```

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

```
.background{ background-color:#31783F }
```

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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