

Converting Colors

Hex(31843F)

Have a look what the booklet for
Hex(31843F) contains.

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Color

Hex(31843F)

Conversions

Conversions Part 1

Format	Color
Hex	31843F
RGB	49, 132, 63
RGB Percent	19%, 52%, 25%
CMY	0.8078, 0.4824, 0.7529
CMYK	0.63, 0.00, 0.52, 0.48
HSL	130°, 46%, 35%
HSV	130°, 63%, 52%
XYZ	10.4151, 17.5144, 7.5343
YIQ	99.3170, -27.3190, -39.0550

Conversions

Conversions Part 2

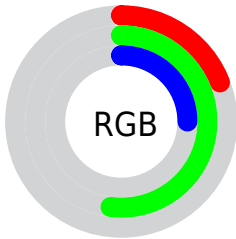
Format	Color
R_{YB}	49, 120, 132
Decimal	3245119
CIE _{Lab}	48.90, -40.48, 29.79
CIE _{LCh}	49, 50.264, 143.652
Yxy	17.5144, 0.2937, 0.4939
Android (android.graphics.Color)	4281435199 (0xFF31843F)
YUV	99.3170, -17.9043, -44.1280
Hunter-Lab	41.8502, -28.8152, 18.6211

Details

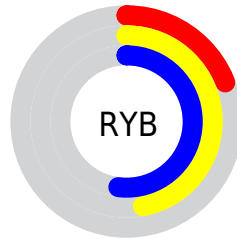
The Hex color **31843F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **843176**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **68BA70**, and **005110** is the 20% darker color. If you saturate the color by 10%, you get **248434**, and if you desaturate by 10%, it is **3E844A**.

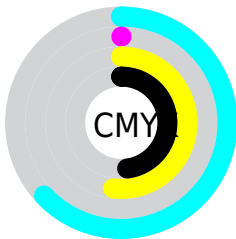
Distribution



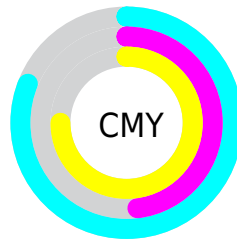
- Red (19%)
- Green (52%)
- Blue (25%)



- Red (19%)
- Yellow (47%)
- Blue (52%)



- Cyan (63%)
- Magenta (0%)
- Yellow (52%)
- Black (48%)



- Cyan (81%)
- Magenta (48%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31843F 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 31843F by changing the saturation by 10% instead.



31843F



31843F

FFFFFF



0E6A28



68BA70



005110



84D68A



003900



9FF3A5



002500



BCFFC0



000000



D8FFDC



F6FFF9



31843F



31843F



248434



3E844A

 178429

 4B8455

 09841E

 598460

 008416

 66846B

 738476

 808481

 8D848C

 9B8497

 A884A2

Harmonies

Analogous

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



697C1E



31843F



008869

Triad

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



31843F



007CC9



C14F55

Complementary

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



31843F



843176

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.



BC4D7F



31843F



646DC2

Square

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



31843F



0085B8



9F5AA7



B05E30

Rectangle

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



31843F



008987



9F5AA7



C24C62

Sweetspot

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



31843F



8AAB90



768431



435746



D6D6D6



575757

Same Dimension

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



31843F



2BAB40



318468



3C423D



008216



000300

Inverse Universe

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



843176



AB2B95



84314D



423C41



82006C



030002

Previews

White Background



This preview shows how the Hex color 31843F looks on a white background.

Color Contrast Check

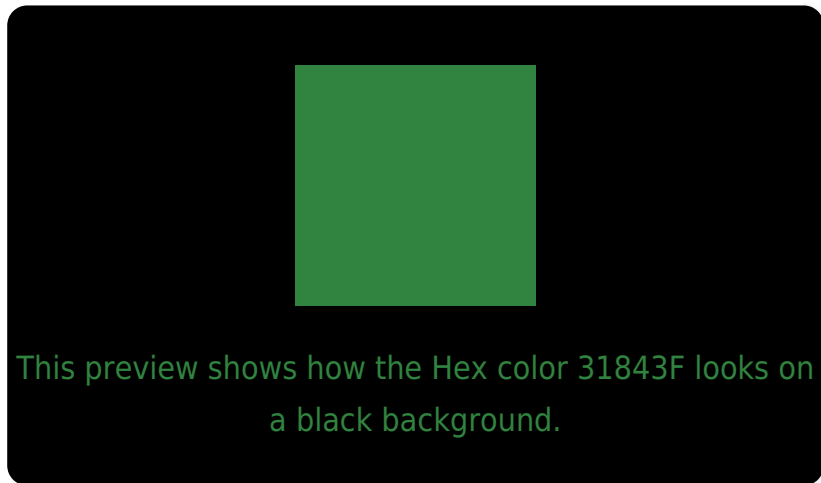
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 31843F Background



This preview shows how black text looks on a background with the Hex color 31843F.



This preview shows how white text looks on a background with the Hex color 31843F.

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
31843F

Protanopia
80743A

Deuteranopia
8C6E45



Tritanopia
457C86

Trichromacy



Original Color
31843F



Protanomaly
637A3C



Deuteranomaly
6B7643



Tritanomaly
3E7F6C

Monochromacy



Original Color
31843F



Achromatopsia
636363



Achromatomaly
516F56

CSS Examples

Text

The CSS property to change the color of the text to Hex 31843F 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 #31843F looks like.

```
.text, #text, p{  
    color:#31843F  
}
```

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 #31843F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31843F
}
```

Border

The CSS property to change the border of an element to Hex 31843F 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
#31843F }
```

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

```
.border{ border-color:#31843F }
```

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

Here you see how a box with a 4 pixel #31843F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31843F; -webkit-box-shadow:4px 4px  
4px 4px #31843F; box-shadow:4px 4px 4px  
4px #31843F }
```

Background

The CSS property to change the background color of an element to Hex 31843F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31843F }
```

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

```
.background{ background-color:#31843F }
```

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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