

Converting Colors

Hex(11993F)

Have a look what the booklet for
Hex(11993F) contains.

Hex(11993F)	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(11993F)

Conversions

Conversions Part 1

Format	Color
Hex	11993F
RGB	17, 153, 63
RGB Percent	7%, 60%, 25%
CMY	0.9333, 0.4000, 0.7529
CMYK	0.89, 0.00, 0.59, 0.40
HSL	140°, 80%, 33%
HSV	140°, 89%, 60%
XYZ	12.5196, 23.2605, 8.5325
YIQ	102.0760, -52.1660, -56.8220

Conversions

Conversions Part 2

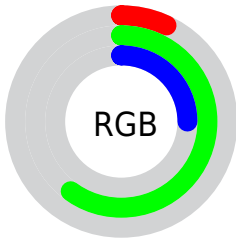
Format	Color
RYB	17, 119, 153
Decimal	1153343
CIELab	55.34, -53.10, 37.41
CIELCh	55, 64.954, 144.830
Yxy	23.2605, 0.2825, 0.5249
Android (android.graphics.Color)	4279343423 (0xFF11993F)
YUV	102.0760, -19.2645, -74.6117
Hunter-Lab	48.2292, -38.0650, 23.2711

Details

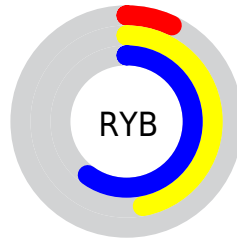
The Hex color **11993F** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **99116B**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **5BD171**, and **00640C** is the 20% darker color. If you saturate the color by 10%, you get **029935**, and if you desaturate by 10%, it is **209949**.

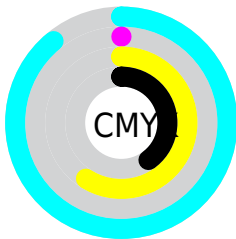
Distribution



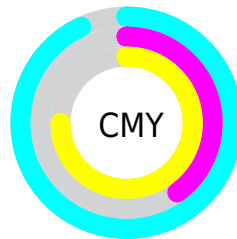
- Red (7%)
- Green (60%)
- Blue (25%)



- Red (7%)
- Yellow (47%)
- Blue (60%)



- Cyan (89%)
- Magenta (0%)
- Yellow (59%)
- Black (40%)



- Cyan (93%)
- Magenta (40%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 11993F 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 11993F by changing the saturation by 10% instead.



11993F



11993F

FFFFFF



007E26



5BD171



00640C



79ED8C



004B00



96FFA6



003400



B3FFC2



001B00



D1FFDE



000000



FFFFFFB



11993F



11993F



029935



209949

■ 009934

■ 309953

■ 3F995D

■ 4E9968

■ 5D9972

■ 6D997C

■ 7C9986

■ 8B9990

■ 9B999A

Harmonies

Analogous

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



728F00



11993F



009E79

Triad

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



11993F



008EF5



E74F59

Complementary

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



11993F



99116B

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.



E34A91



11993F



6F7AEC

Square

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



11993F



009AE0



BE5FC6



D06726

Rectangle

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



11993F



009EA0



BE5FC6



E94A6B

Sweetspot

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



11993F



91C7A3



6C9911



44634E



E3E3E3



636363

Same Dimension

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



11993F



00C743



119982



454D47



008C2F



000D04

Inverse Universe

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



99116B



C70084



991128



4D454A



8C005D



0D0008

Previews

White Background



This preview shows how the Hex color 11993F looks on a white background.

Color Contrast Check

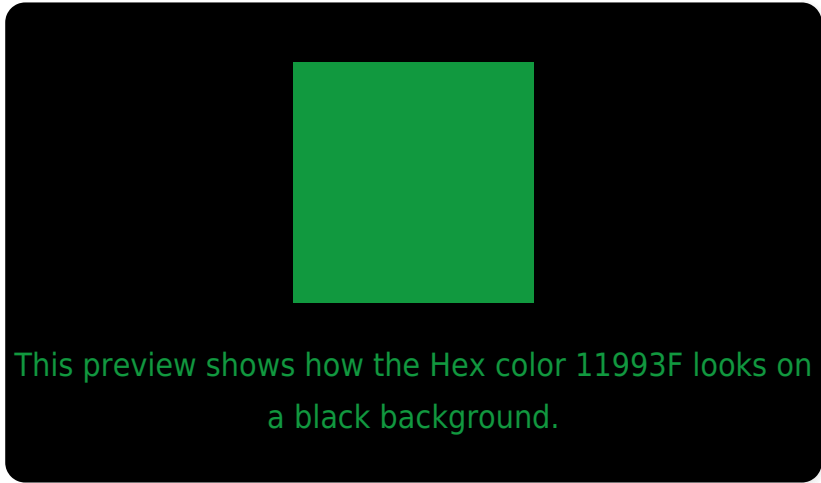
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 11993F Background



This preview shows how black text looks on a background with the Hex color 11993F.



This preview shows how white text looks on a background with the Hex color 11993F.

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](#).

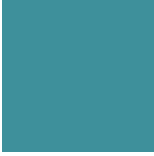
Dichromacy



Original Color
11993F

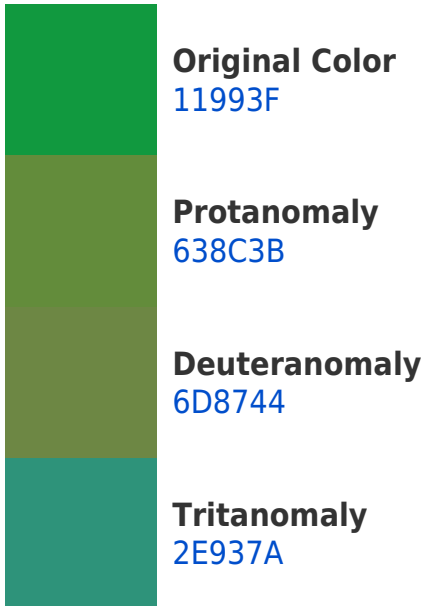
Protanopia
928439

Deuteranopia
A17D47



Tritanopia
3E909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 11993F 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 #11993F looks like.

```
.text, #text, p{  
    color:#11993F  
}
```

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 #11993F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11993F
}
```

Border

The CSS property to change the border of an element to Hex 11993F 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
#11993F }
```

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

```
.border{ border-color:#11993F }
```

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

Here you see how a box with a 4 pixel #11993F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #11993F; -webkit-box-shadow:4px 4px  
4px 4px #11993F; box-shadow:4px 4px 4px  
4px #11993F }
```

Background

The CSS property to change the background color of an element to Hex 11993F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11993F }
```

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

```
.background{ background-color:#11993F }
```

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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