

Converting Colors

Hex(1A593F)

Have a look what the booklet for
Hex(1A593F) contains.

Hex(1A593F)	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(1A593F)

Conversions

Conversions Part 1

Format	Color
Hex	1A593F
RGB	26, 89, 63
RGB Percent	10%, 35%, 25%
CMY	0.8980, 0.6510, 0.7529
CMYK	0.71, 0.00, 0.29, 0.65
HSL	155°, 55%, 23%
HSV	155°, 71%, 35%
XYZ	4.8956, 7.7233, 5.9353
YIQ	67.1990, -29.2020, -21.4420

Conversions

Conversions Part 2

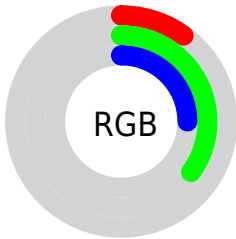
Format	Color
R_{YB}	26, 66, 89
Decimal	1726783
CIE _{Lab}	33.40, -26.90, 9.34
CIE _{LCh}	33, 28.471, 160.852
Yxy	7.7233, 0.2639, 0.4163
Android (android.graphics.Color)	4279916863 (0xFF1A593F)
YUV	67.1990, -2.0701, -36.1315
Hunter-Lab	27.7907, -17.1894, 6.7908

Details

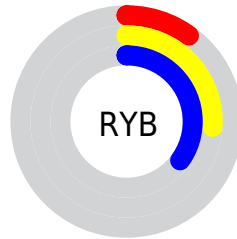
The Hex color **1A593F** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **591A34**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **4E8C6F**, and **002A15** is the 20% darker color. If you saturate the color by 10%, you get **11593B**, and if you desaturate by 10%, it is **235943**.

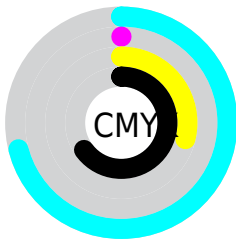
Distribution



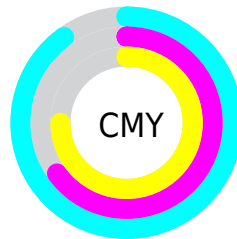
- Red (10%)
- Green (35%)
- Blue (25%)



- Red (10%)
- Yellow (26%)
- Blue (35%)



- Cyan (71%)
- Magenta (0%)
- Yellow (29%)
- Black (65%)



- Cyan (90%)
- Magenta (65%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A593F 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 1A593F by changing the saturation by 10% instead.

 1A593F

 1A593F

FFFFFF

 004129

 4E8C6F

 002A15

 68A688

 001400

 83C2A2

 000000

 9DDEBD

 B9FAD9

 D5FFF6

 F2FFFF

 1A593F

 1A593F

■ 11593B

■ 235943

■ 085938

■ 2C5946

■ 005934

■ 35594A

■ 3E594E

■ 475951

■ 4F5955

■ 585959

■ 61595C

■ 6A5960

Harmonies

Analogous

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



3C562B



1A593F



005A56

Triad

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



1A593F



384E7B



754032

Complementary

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



1A593F



591A34

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.



793C47



1A593F



5B4571

Square

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



1A593F



005579



713E5E



684824

Rectangle

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



1A593F



005A65



713E5E



783E39

Sweetspot

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



1A593F



5B7369



34591A



2C3B35



BABABA



3B3B3B

Same Dimension

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



1A593F



11734A



1A5459



272B2A



006B3F



00EB8A

Inverse Universe

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



591A34



731139



591F1A



2B2729



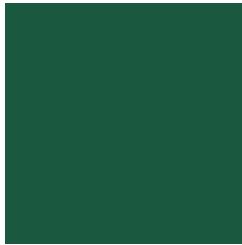
6B002C



EB0061

Previews

White Background



This preview shows how the Hex color 1A593F looks on a white background.

Color Contrast Check

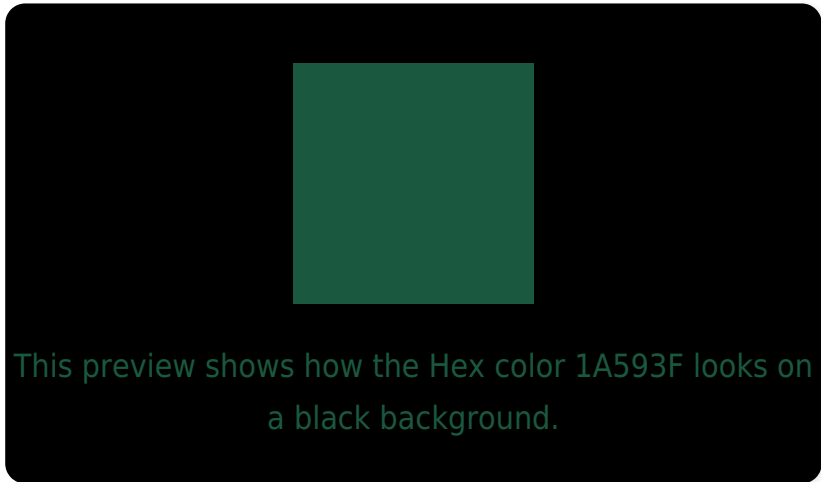
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

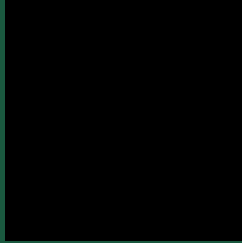
Any Text WCAG AA × Fail

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 1A593F Background



This preview shows how black text looks on a background with the Hex color 1A593F.



This preview shows how white text looks on a background with the Hex color 1A593F.

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](#).

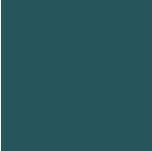
Dichromacy



Original Color
1A593F

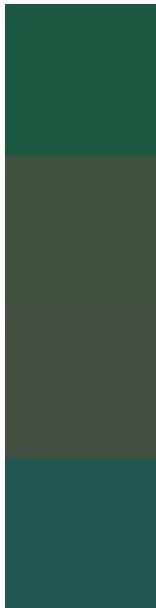
Protanopia
544E3A

Deuteranopia
5A4B42



Tritanopia
26555C

Trichromacy



Original Color
1A593F

Protanomaly
3F523C

Deuteranomaly
435041

Tritanomaly
225651

Monochromacy



Original Color
1A593F

Achromatopsia
434343

Achromatomaly
344B42

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A593F 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 #1A593F looks like.

```
.text, #text, p{  
    color:#1A593F  
}
```

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 #1A593F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A593F
}
```

Border

The CSS property to change the border of an element to Hex 1A593F 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
#1A593F }
```

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

```
.border{ border-color:#1A593F }
```

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

Here you see how a box with a 4 pixel #1A593F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A593F; -webkit-box-shadow:4px 4px  
4px 4px #1A593F; box-shadow:4px 4px 4px  
4px #1A593F }
```

Background

The CSS property to change the background color of an element to Hex 1A593F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A593F }
```

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

```
.background{ background-color:#1A593F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor