

# Converting Colors

Hex(1F593C)

Have a look what the booklet for  
Hex(1F593C) contains.

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# Color

Hex(1F593C)

# Conversions

## Conversions Part 1

Format	Color
Hex	1F593C
RGB	31, 89, 60
RGB Percent	12%, 35%, 24%
CMY	0.8784, 0.6510, 0.7647
CMYK	0.65, 0.00, 0.33, 0.65
HSL	150°, 48%, 24%
HSV	150°, 65%, 35%
XYZ	4.9531, 7.7623, 5.5122
YIQ	68.3520, -25.2590, -21.3150

# Conversions

## Conversions Part 2

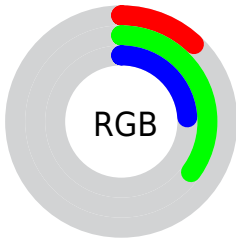
<b>Format</b>	<b>Color</b>
<b>RYB</b>	31, 70, 89
Decimal	2054460
CIELab	33.48, -26.53, 11.33
CIELCh	33, 28.847, 156.876
Yxy	7.7623, 0.2717, 0.4259
Android (android.graphics.Color)	4280244540 (0xFF1F593C)
YUV	68.3520, -4.1175, -32.7577
Hunter-Lab	27.8609, -17.0232, 7.7723

# Details

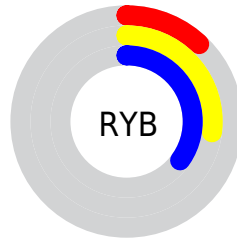
The Hex color **1F593C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **591F3C**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **528C6B**, and **002B12** is the 20% darker color. If you saturate the color by 10%, you get **165938**, and if you desaturate by 10%, it is **285940**.

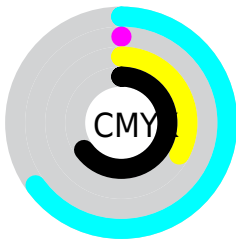
# Distribution



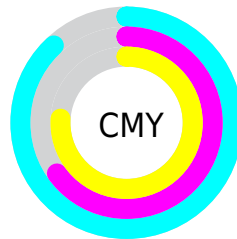
- Red (12%)
- Green (35%)
- Blue (24%)



- Red (12%)
- Yellow (27%)
- Blue (35%)



- Cyan (65%)
- Magenta (0%)
- Yellow (33%)
- Black (65%)



- Cyan (88%)
- Magenta (65%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1F593C 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 1F593C by changing the saturation by 10% instead.





1F593C



1F593C

FFFFFF



004126



528C6B



002B12



6CA685



001400



86C19F



000000



A1DEBA



BCFAD6



D9FFF2



F6FFFF



1F593C



1F593C

■ 165938

■ 285940

■ 0D5933

■ 315945

■ 04592F

■ 3A5949

■ 00592D

■ 43594E

■ 4C5952

■ 545957

■ 5D595B

■ 665960

■ 6F5964

# Harmonies

## Analogous

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



3F5529



1F593C



005A53

# Triad

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



1F593C



314F7C



773F35

# Complementary

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



1F593C



591F3C

# 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.



793B4A



1F593C



574773

# Square

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



1F593C



005678



6F3F61



6B4725

# Rectangle

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



1F593C



005A63



6F3F61



793D3B



# Sweetspot

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



1F593C



5C7367



3C591F



2D3B34



BABABA



3B3B3B



# Same Dimension

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



1F593C



197346



1F5959



272B29



006B36



00EB75



# Inverse Universe

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



591F3C



731946



591F1F



2B2729



6B0036

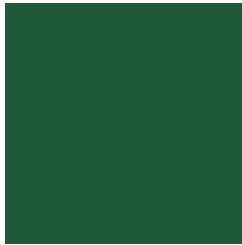


EB0075



# Previews

## White Background



This preview shows how the Hex color 1F593C looks on a white background.

## Color Contrast Check

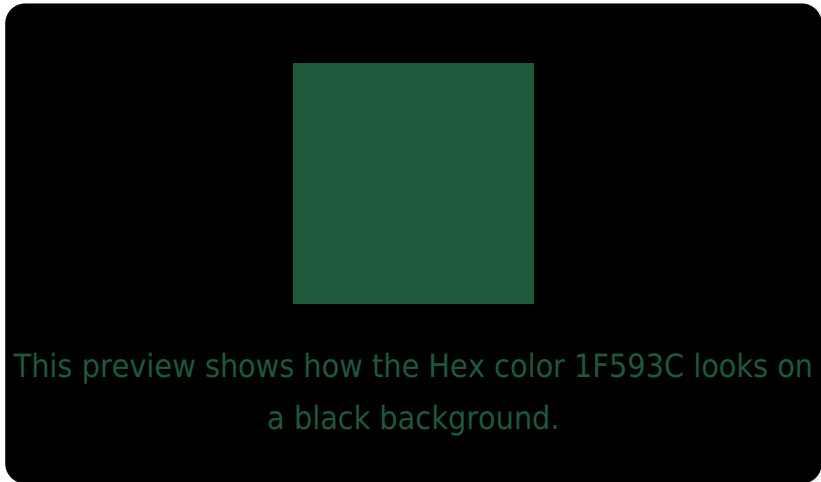
Large Text (above 18pt) WCAG AA ✓ Pass

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

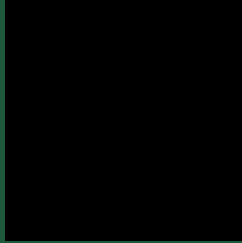
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1F593C Background



This preview shows how black text looks on a background with the Hex color 1F593C.



This preview shows how white text looks on a background with the Hex color 1F593C.

# 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**  
1F593C

**Protanopia**  
554E37

**Deuteranopia**  
5B4B3F



# Trichromacy



**Original Color**  
1F593C

**Protanomaly**  
415239

**Deuteranomaly**  
45503E

**Tritanomaly**  
265650

# Monochromacy



**Original Color**  
1F593C

**Achromatopsia**  
444444

**Achromatomaly**  
374C41

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1F593C 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 #1F593C looks like.

```
.text, #text, p{  
    color:#1F593C  
}
```

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 #1F593C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F593C
}
```

## Border

The CSS property to change the border of an element to Hex 1F593C 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
#1F593C }
```

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

```
.border{ border-color:#1F593C }
```

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

Here you see how a box with a 4 pixel #1F593C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F593C; -webkit-box-shadow:4px 4px  
4px 4px #1F593C; box-shadow:4px 4px 4px  
4px #1F593C }
```

# Background

The CSS property to change the background color of an element to Hex 1F593C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F593C }
```

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

```
.background{ background-color:#1F593C }
```

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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