

Converting Colors

Hex(13593F)

Have a look what the booklet for
Hex(13593F) contains.

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Color

Hex(13593F)

Conversions

Conversions Part 1

Format	Color
Hex	13593F
RGB	19, 89, 63
RGB Percent	7%, 35%, 25%
CMY	0.9255, 0.6510, 0.7529
CMYK	0.79, 0.00, 0.29, 0.65
HSL	158°, 65%, 21%
HSV	158°, 79%, 35%
XYZ	4.7381, 7.6421, 5.9280
YIQ	65.1060, -33.3740, -22.9260

Conversions

Conversions Part 2

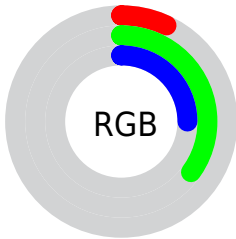
Format	Color
R_YB	19, 62, 89
Decimal	1268031
CIE Lab	33.23, -28.16, 9.07
CIE LCh	33, 29.588, 162.147
Yxy	7.6421, 0.2588, 0.4174
Android (android.graphics.Color)	4279458111 (0xFF13593F)
YUV	65.1060, -1.0383, -40.4350
Hunter-Lab	27.6443, -17.7833, 6.6370

Details

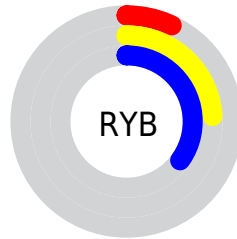
The Hex color **13593F** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **59132D**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **4A8C6F**, and **002A15** is the 20% darker color. If you saturate the color by 10%, you get **0A593C**, and if you desaturate by 10%, it is **1C5942**.

Distribution



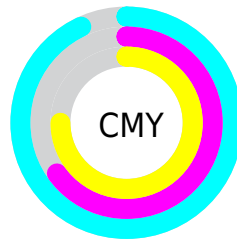
- Red (7%)
- Green (35%)
- Blue (25%)



- Red (7%)
- Yellow (24%)
- Blue (35%)



- Cyan (79%)
- Magenta (0%)
- Yellow (29%)
- Black (65%)



- Cyan (93%)
- Magenta (65%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13593F 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 13593F by changing the saturation by 10% instead.

 13593F

 13593F

FFFFFF

 004129

 4A8C6F

 002A15

 64A688

 001300

 7EC2A2


 000000

 99DEBD

 B5FAD9

 D1FFF6

 EEEFFF

 13593F

 13593F

■ 0A593C

■ 1C5942

■ 015938

■ 255946

■ 005938

■ 2E5949

■ 37594C

■ 405950

■ 485953

■ 515956

■ 5A5959

■ 63595D

Harmonies

Analogous

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



39562A



13593F



005A57

Triad

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



13593F



384D7C



763F30

Complementary

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



13593F



59132D

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.



7A3A45



13593F



5C4471

Square

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



13593F



00557A



723C5D



684821

Rectangle

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



13593F



005966



723C5D



783D37

Sweetspot

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



13593F



577369



2E5913



2A3B34



BABABA



3B3B3B

Same Dimension

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



13593F



07734B



135159



272B2A



006B43



00EB93

Inverse Universe

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



59132D



73072F



591B13



2B2729



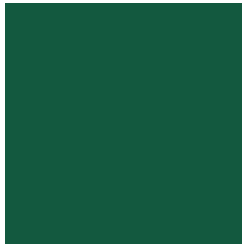
6B0028



EB0057

Previews

White Background



This preview shows how the Hex color 13593F looks on a white background.

Color Contrast Check

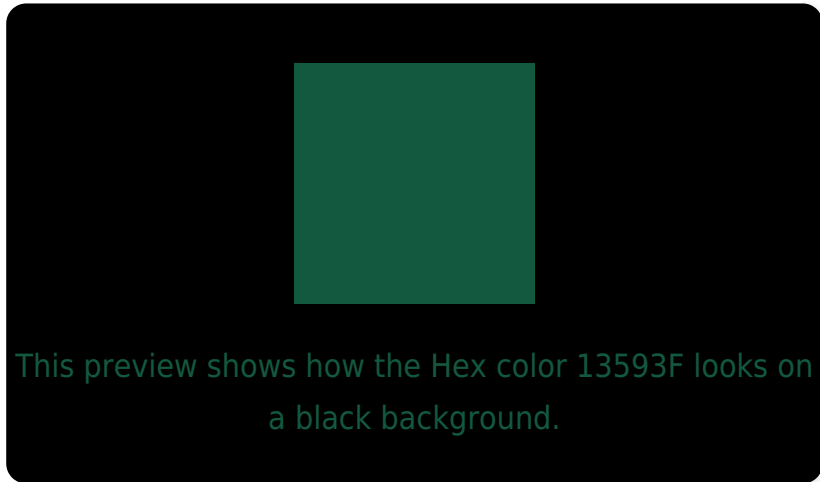
Large Text (above 18pt) WCAG AA ✓ Pass

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

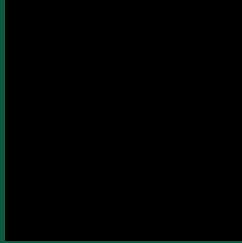
Any Text WCAG AA × Fail

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 13593F Background



This preview shows how black text looks on a background with the Hex color 13593F.



This preview shows how white text looks on a background with the Hex color 13593F.

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](#).

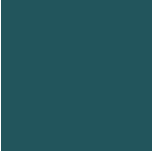
Dichromacy



Original Color
13593F

Protanopia
544E3A

Deuteranopia
5A4B42



Tritanopia
22555C

Trichromacy



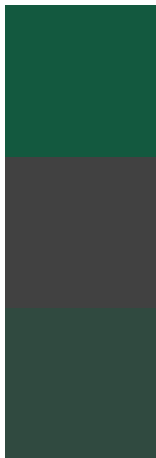
Original Color
13593F

Protanomaly
3C523C

Deuteranomaly
405041

Tritanomaly
1D5651

Monochromacy



Original Color
13593F

Achromatopsia
414141

Achromatomaly
304A40

CSS Examples

Text

The CSS property to change the color of the text to Hex 13593F 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 #13593F looks like.

```
.text, #text, p{  
    color:#13593F  
}
```

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 #13593F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13593F
}
```

Border

The CSS property to change the border of an element to Hex 13593F 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
#13593F }
```

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

```
.border{ border-color:#13593F }
```

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

Here you see how a box with a 4 pixel #13593F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13593F; -webkit-box-shadow:4px 4px  
4px 4px #13593F; box-shadow:4px 4px 4px  
4px #13593F }
```

Background

The CSS property to change the background color of an element to Hex 13593F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13593F }
```

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

```
.background{ background-color:#13593F }
```

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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