

Converting Colors

Hex(193F42)

Have a look what the booklet for
Hex(193F42) contains.

Hex(193F42)	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(193F42)

Conversions

Conversions Part 1

Format	Color
Hex	193F42
RGB	25, 63, 66
RGB Percent	10%, 25%, 26%
CMY	0.9020, 0.7529, 0.7412
CMYK	0.62, 0.05, 0.00, 0.74
HSL	184°, 45%, 18%
HSV	184°, 62%, 26%
XYZ	3.1618, 4.1550, 5.7896
YIQ	51.9800, -23.6110, -7.1230

Conversions

Conversions Part 2

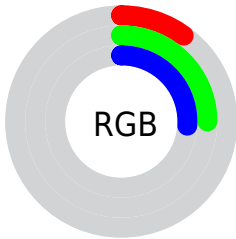
Format	Color
R_{YB}	25, 45, 66
Decimal	1654594
CIE _{Lab}	24.18, -12.37, -5.94
CIE _{LCh}	24, 13.723, 205.628
Yxy	4.1550, 0.2412, 0.3170
Android (android.graphics.Color)	4279844674 (0xFF193F42)
YUV	51.9800, 6.9119, -23.6615
Hunter-Lab	20.3839, -7.9844, -2.5713




Details

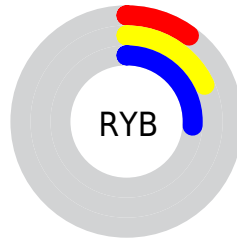
The Hex color **193F42** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **421C19**, and the grayscale version is **343434**.




A 20% lighter version of the original color is **496F72**, and **001517** is the 20% darker color. If you saturate the color by 10%, you get **123F42**, and if you desaturate by 10%, it is **203F42**.

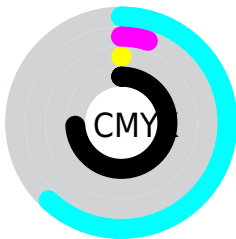
Distribution







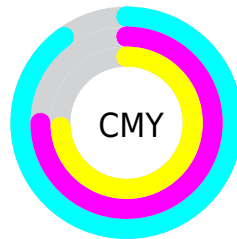
-  Red (10%)
-  Green (25%)
-  Blue (26%)






-  Red (10%)
-  Yellow (18%)
-  Blue (26%)



-  Cyan (62%)
-  Magenta (5%)
-  Yellow (0%)
-  Black (74%)



-  Cyan (90%)
-  Magenta (75%)
-  Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 193F42 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 193F42 by changing the saturation by 10% instead.

■ 193F42

■ 193F42

FFFFFF

■ 00292C

■ 496F72

■ 001517

■ 62888B

■ 000000

■ 7CA2A6

■ 96BEC1

■ B1D9DD

■ CDF6F9

■ EAEFFF

■ 193F42

■ 193F42

■ 123F42

■ 203F42

■ 0C3E42

■ 264042

■ 053E42

■ 2D4042

■ 003D42

■ 334142

■ 3A4142

■ 414242

■ 474242

■ 4E4342

■ 544342

Harmonies

Analogous

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



203F38



193F42



1D3E4A

Triad

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



193F42



453445



423825

Complementary

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



193F42



421C19

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.



4A3529



193F42



4D323B

Square

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



193F42



39374C



4E3231



383C27

Rectangle

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



193F42



253C4D



4E3231



453726

Sweetspot

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



193F42



465557



19421C



212B2B



ABABAB



2B2B2B

Same Dimension

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



193F42



165257



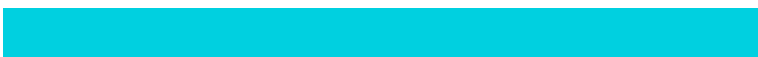
192B42



1E2121



005A61



00D0E0

Inverse Universe

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



42193F



571652



423019



211E21



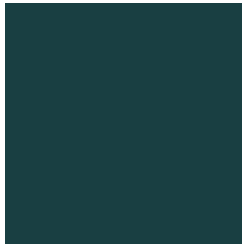
61005A



E000D0

Previews

White Background



This preview shows how the Hex color 193F42 looks on a white background.

Color Contrast Check

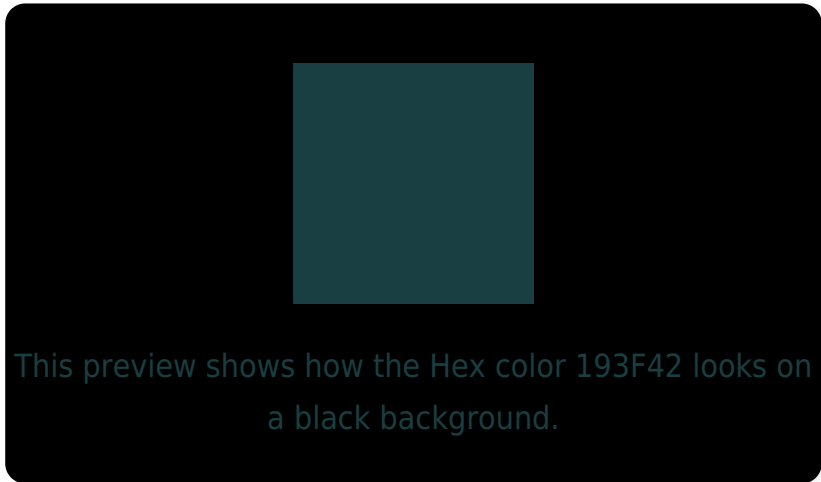
Large Text (above 18pt) WCAG AA ✓ Pass

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

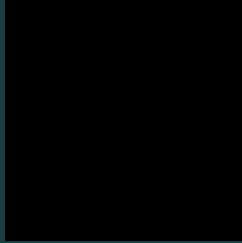
Any Text WCAG AA × Fail

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 193F42 Background



This preview shows how black text looks on a background with the Hex color 193F42.



This preview shows how white text looks on a background with the Hex color 193F42.

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
193F42

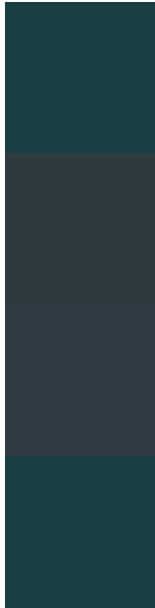
Protanopia
39393E

Deuteranopia
3A3844



Tritanopia
1A3F44

Trichromacy



Original Color
193F42

Protanomaly
2D3B3F

Deuteranomaly
2E3B43

Tritanomaly
1A3F43

Monochromacy



Original Color
193F42

Achromatopsia
343434

Achromatomaly
2A3839

CSS Examples

Text

The CSS property to change the color of the text to Hex 193F42 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 #193F42 looks like.

```
.text, #text, p{  
    color:#193F42  
}
```

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 #193F42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #193F42
}
```

Border

The CSS property to change the border of an element to Hex 193F42 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
#193F42 }
```

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

```
.border{ border-color:#193F42 }
```

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

Here you see how a box with a 4 pixel #193F42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #193F42; -webkit-box-shadow:4px 4px  
4px 4px #193F42; box-shadow:4px 4px 4px  
4px #193F42 }
```

Background

The CSS property to change the background color of an element to Hex 193F42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#193F42 }
```

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

```
.background{ background-color:#193F42 }
```

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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