

# Converting Colors

Hex(193A4C)

Have a look what the booklet for  
Hex(193A4C) contains.

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# Color

**Hex(193A4C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	193A4C
RGB	25, 58, 76
RGB Percent	10%, 23%, 30%
CMY	0.9020, 0.7725, 0.7020
CMYK	0.67, 0.24, 0.00, 0.70
HSL	201°, 50%, 20%
HSV	201°, 67%, 30%
XYZ	3.2185, 3.7546, 7.3926
YIQ	50.1850, -25.4460, -1.3980

# Conversions

## Conversions Part 2

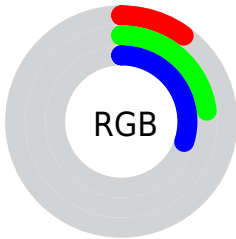
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	25, 45, 76
Decimal	1653324
CIE Lab	22.84, -5.67, -14.62
CIE LCh	23, 15.680, 248.818
Yxy	3.7546, 0.2240, 0.2614
Android (android.graphics.Color)	4279843404 (0xFF193A4C)
YUV	50.1850, 12.7268, -22.0872
Hunter-Lab	19.3768, -4.2606, -9.0564




# Details

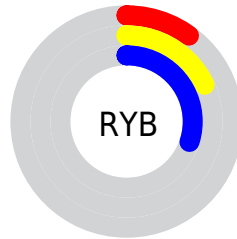
The Hex color **193A4C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4C2B19**, and the grayscale version is **323232**.




A 20% lighter version of the original color is **4A697D**, and **000F20** is the 20% darker color. If you saturate the color by 10%, you get **11374C**, and if you desaturate by 10%, it is **213D4C**.

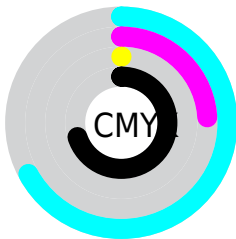
# Distribution







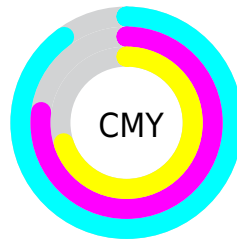
-  Red (10%)
-  Green (23%)
-  Blue (30%)






-  Red (10%)
-  Yellow (18%)
-  Blue (30%)



-  Cyan (67%)
-  Magenta (24%)
-  Yellow (0%)
-  Black (70%)



-  Cyan (90%)
-  Magenta (77%)
-  Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 193A4C 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 193A4C by changing the saturation by 10% instead.



■ 193A4C

■ 193A4C

FFFFFF

■ 002435

■ 4A697D

■ 000F20

■ 638297

■ 000006

■ 7D9CB2

■ 000000

■ 98B7CD

■ B3D3E9

■ CFEFFF

■ EBFFFF

■ 193A4C

■ 193A4C

■ 11374C

■ 213D4C

■ 0A354C

■ 283F4C

■ 02324C

■ 30424C

■ 00314C

■ 37454C

■ 3F474C

■ 474A4C

■ 4E4D4C

■ 564F4C

■ 5D524C

# Harmonies

## Analogous

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



0C3C45



193A4C



2C364D

# Triad

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



193A4C



4D2E33



2E3A24

# Complementary

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



193A4C



4C2B19

# 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.



3B371F



193A4C



4C2F28

# Square

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



193A4C



482F3F



453321



203C2E

# Rectangle

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



193A4C



37344B



453321



333922



# Sweetspot

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



193A4C



505C63



194C2B



272F33



B3B3B3



333333



# Same Dimension

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



193A4C



134763



19214C



222526



004266



0094E6



# Inverse Universe

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



4C193A



631347



4C4419



262225



660042

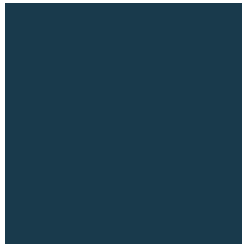


E60094



# Previews

## White Background



This preview shows how the Hex color 193A4C 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

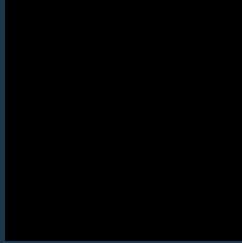
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 193A4C Background



This preview shows how black text looks on a background with the Hex color 193A4C.



This preview shows how white text looks on a background with the Hex color 193A4C.

# 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**  
193A4C

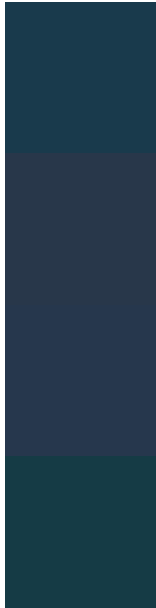
**Protanopia**  
313649

**Deuteranopia**  
2E364D



**Tritanopia**  
123C41

# Trichromacy



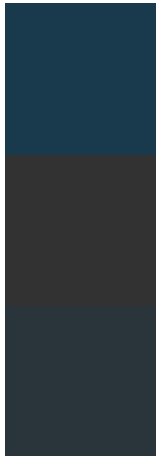
**Original Color**  
193A4C

**Protanomaly**  
28374A

**Deuteranomaly**  
26374D

**Tritanomaly**  
153B45

# Monochromacy



**Original Color**  
193A4C

**Achromatopsia**  
323232

**Achromatomaly**  
29353B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 193A4C 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 #193A4C looks like.

```
.text, #text, p{  
    color:#193A4C  
}
```

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 #193A4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #193A4C
}
```

## Border

The CSS property to change the border of an element to Hex 193A4C 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".

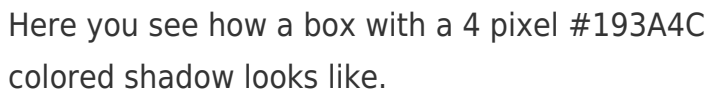
```
.border, #border, table{ border:4px solid
#193A4C }
```

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

```
.border{ border-color:#193A4C }
```

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

Here you see how a box with a 4 pixel #193A4C colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #193A4C; -webkit-box-shadow:4px 4px  
4px 4px #193A4C; box-shadow:4px 4px 4px  
4px #193A4C }
```

# Background

The CSS property to change the background color of an element to Hex 193A4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#193A4C }
```

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

```
.background{ background-color:#193A4C }
```

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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