

Converting Colors

Hex(193A3A)

Have a look what the booklet for
Hex(193A3A) contains.

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Color

Hex(193A3A)

Conversions

Conversions Part 1

Format	Color
Hex	193A3A
RGB	25, 58, 58
RGB Percent	10%, 23%, 23%
CMY	0.9020, 0.7725, 0.7725
CMYK	0.57, 0.00, 0.00, 0.77
HSL	180°, 40%, 16%
HSV	180°, 57%, 23%
XYZ	2.6777, 3.5383, 4.5448
YIQ	48.1330, -19.6680, -6.9960

Conversions

Conversions Part 2

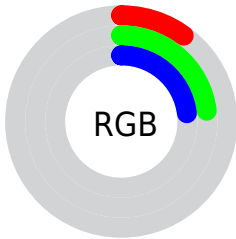
Format	Color
RYB	25, 42, 58
Decimal	1653306
CIELab	22.08, -12.01, -3.72
CIELCh	22, 12.570, 197.205
Yxy	3.5383, 0.2488, 0.3288
Android (android.graphics.Color)	4279843386 (0xFF193A3A)
YUV	48.1330, 4.8644, -20.2876
Hunter-Lab	18.8103, -7.5082, -1.1580

Details

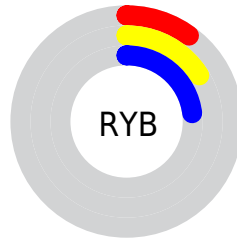
The Hex color **193A3A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3A1919**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **486969**, and **000E0F** is the 20% darker color. If you saturate the color by 10%, you get **133A3A**, and if you desaturate by 10%, it is **1F3A3A**.

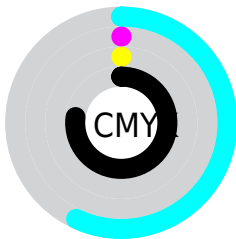
Distribution



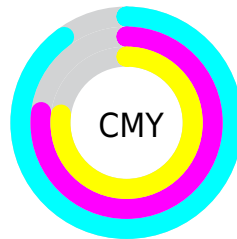
- Red (10%)
- Green (23%)
- Blue (23%)



- Red (10%)
- Yellow (16%)
- Blue (23%)



- Cyan (57%)
- Magenta (0%)
- Yellow (0%)
- Black (77%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 193A3A 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 193A3A by changing the saturation by 10% instead.

■ 193A3A

■ 193A3A

FFFFFF

■ 022424

■ 486969

■ 000E0F

■ 608282

■ 000000

■ 7A9D9C

■ 94B7B7

■ AFD3D3

■ CBF0EF

■ E7FFFF

■ 193A3A

■ 193A3A

■ 133A3A

■ 1F3A3A

■ 0D3A3A

■ 253A3A

■ 083A3A

■ 2A3A3A

■ 023A3A

■ 303A3A

■ 003A3A

■ 363A3A

■ 3C3A3A

■ 423A3A

■ 473A3A

■ 4D3A3A

Harmonies

Analogous

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



213A30



193A3A



193942

Triad

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



193A3A



3D3142



3F3323

Complementary

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



193A3A



3A1919

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.



453028



193A3A



452E39

Square

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



193A3A



313447



482E30



363623

Rectangle

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



193A3A



1F3846



482E30



423224

Sweetspot

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



193A3A



3F4D4D



193A19



1F2626



A6A6A6



262626

Same Dimension

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



193A3A



184D4D



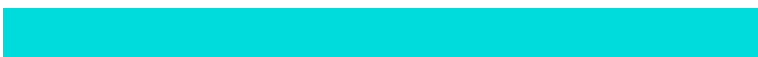
192A3A



191C1C



005C5C



00DBDB

Inverse Universe

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



3A193A



4D184D



3A2A19



1C191C



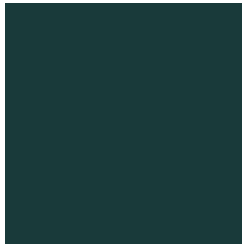
5C005C



DB00DB

Previews

White Background



This preview shows how the Hex color 193A3A looks on a white background.

Color Contrast Check

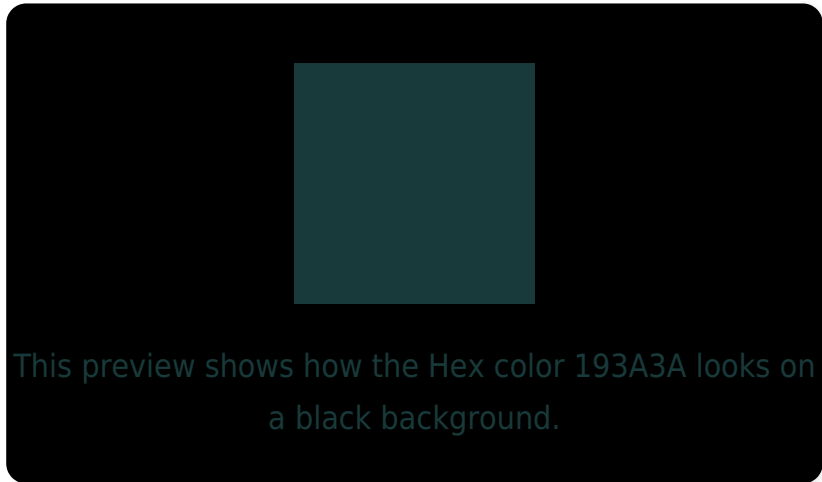
Large Text (above 18pt) WCAG AA ✓ Pass

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

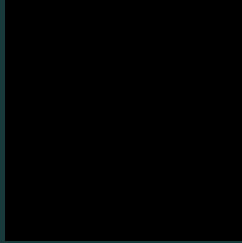
Any Text WCAG AA × Fail

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 193A3A Background



This preview shows how black text looks on a background with the Hex color 193A3A.



This preview shows how white text looks on a background with the Hex color 193A3A.

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](#).

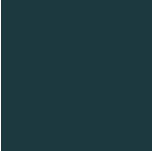
Dichromacy



Original Color
193A3A

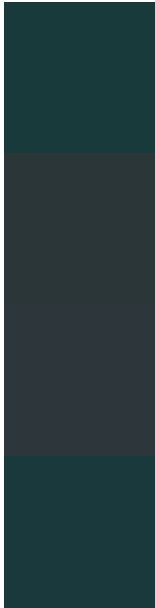
Protanopia
353437

Deuteranopia
37333B



Tritanopia
1B393E

Trichromacy



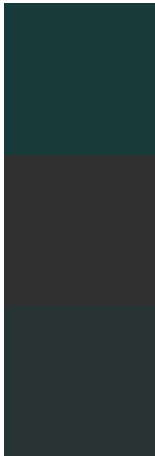
Original Color
193A3A

Protanomaly
2B3638

Deuteranomaly
2C363B

Tritanomaly
1A393D

Monochromacy



Original Color
193A3A

Achromatopsia
303030

Achromatomaly
283434

CSS Examples

Text

The CSS property to change the color of the text to Hex 193A3A 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 #193A3A looks like.

```
.text, #text, p{  
    color:#193A3A  
}
```

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 #193A3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #193A3A
}
```

Border

The CSS property to change the border of an element to Hex 193A3A 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
#193A3A }
```

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

```
.border{ border-color:#193A3A }
```

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

Here you see how a box with a 4 pixel #193A3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #193A3A; -webkit-box-shadow:4px 4px  
4px 4px #193A3A; box-shadow:4px 4px 4px  
4px #193A3A }
```

Background

The CSS property to change the background color of an element to Hex 193A3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#193A3A }
```

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

```
.background{ background-color:#193A3A }
```

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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