

Converting Colors

Hex(193A23)

Have a look what the booklet for
Hex(193A23) contains.

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Color

Hex(193A23)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 193A23 |
| RGB | 25, 58, 35 |
| RGB Percent | 10%, 23%, 14% |
| CMY | 0.9020, 0.7725, 0.8627 |
| CMYK | 0.57, 0.00, 0.40, 0.77 |
| HSL | 138°, 40%, 16% |
| HSV | 138°, 57%, 23% |
| XYZ | 2.2173, 3.3541, 2.1207 |
| YIQ | 45.5110, -12.2850, -14.1490 |

Conversions

Conversions Part 2

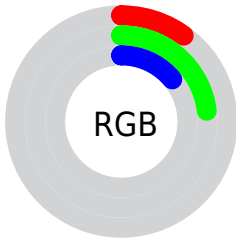
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 25, 50, 58 |
| Decimal | 1653283 |
| CIELab | 21.41, -18.38, 10.69 |
| CIElCh | 21, 21.263, 149.821 |
| Yxy | 3.3541, 0.2883, 0.4360 |
| Android (android.graphics.Color) | 4279843363 (0xFF193A23) |
| YUV | 45.5110, -5.1819, -17.9881 |
| Hunter-Lab | 18.3143, -10.4388, 5.9547 |




Details

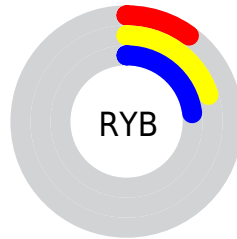
The Hex color **193A23** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3A1930**, and the grayscale version is **2E2E2E**.



A 20% lighter version of the original color is **476A50**, and **000A00** is the 20% darker color. If you saturate the color by 10%, you get **133A1F**, and if you desaturate by 10%, it is **1F3A27**.

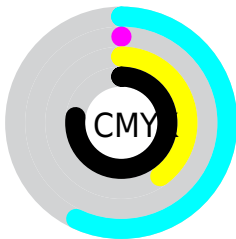
Distribution







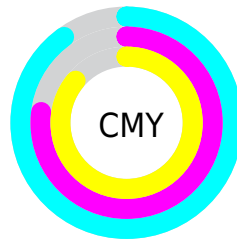
-  Red (10%)
-  Green (23%)
-  Blue (14%)






-  Red (10%)
-  Yellow (20%)
-  Blue (23%)



-  Cyan (57%)
-  Magenta (0%)
-  Yellow (40%)
-  Black (77%)



-  Cyan (90%)
-  Magenta (77%)
-  Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 193A23 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 193A23 by changing the saturation by 10% instead.



193A23



193A23

FFFFFF



03240E



476A50



000A00



5F8368



000000



799D81



93B89B



ADD4B6



C9F0D1



E5FFEE



193A23



193A23

■ 133A1F

■ 1F3A27

■ 0D3A1B

■ 253A2B

■ 083A17

■ 2A3A2F

■ 023A13

■ 303A33

■ 003A12

■ 363A37

■ 3C3A3B

■ 423A3F

■ 473A43

■ 4D3A47

Harmonies

Analogous

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



2D3717



193A23



003B33

Triad

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



193A23



173553



502825

Complementary

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



193A23



3A1930

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.



502634



193A23



342F4F

Square

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



193A23



00394E



472943



492D18

Rectangle

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



193A23



003B3D



472943



51272A

Sweetspot

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



193A23



3F4D43



303A19



1F2621



A6A6A6



262626

Same Dimension

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



193A23



184D28



193A33



191C1A



005C1C



00DB42

Inverse Universe

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



3A1930



4D183D



3A1920



1C191B



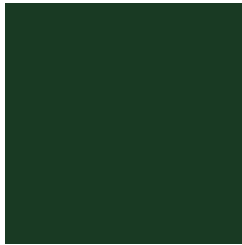
5C0040



DB0099

Previews

White Background



This preview shows how the Hex color 193A23 looks on a white background.

Color Contrast Check

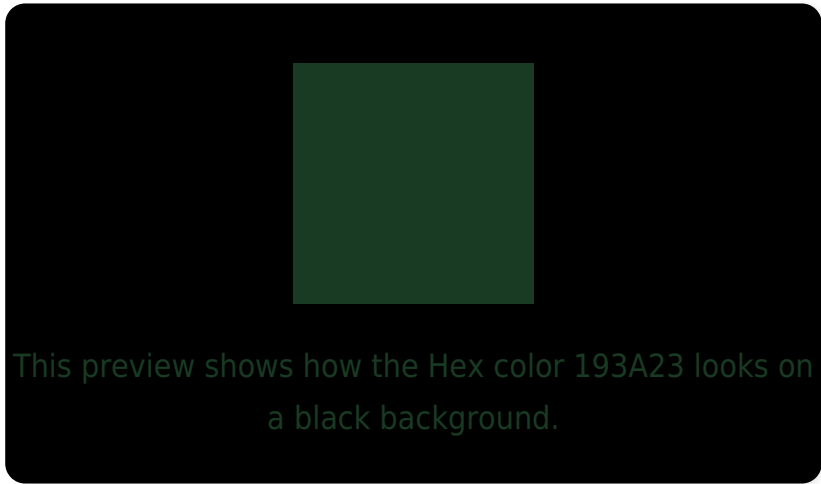
Large Text (above 18pt) WCAG AA ✓ Pass

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

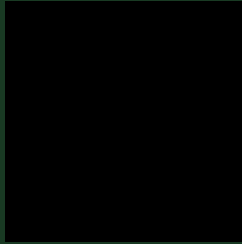
Any Text WCAG AA × Fail

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 193A23 Background



This preview shows how black text looks on a background with the Hex color 193A23.



This preview shows how white text looks on a background with the Hex color 193A23.

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
193A23

Protanopia
383320

Deuteranopia
3D3125

Trichromacy



Original Color
193A23

Protanomaly
2D3621

Deuteranomaly
303424

Tritanomaly
1D3833

Monochromacy



Original Color
193A23

Achromatopsia
2E2E2E

Achromatomaly
26322A

CSS Examples

Text

The CSS property to change the color of the text to Hex 193A23 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 #193A23 looks like.

```
.text, #text, p{  
    color:#193A23  
}
```

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 #193A23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #193A23
}
```

Border

The CSS property to change the border of an element to Hex 193A23 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
#193A23 }
```

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

```
.border{ border-color:#193A23 }
```

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

Here you see how a box with a 4 pixel #193A23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #193A23; -webkit-box-shadow:4px 4px  
4px 4px #193A23; box-shadow:4px 4px 4px  
4px #193A23 }
```

Background

The CSS property to change the background color of an element to Hex 193A23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#193A23 }
```

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

```
.background{ background-color:#193A23 }
```

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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