

Converting Colors

Hex(183A2C)

Have a look what the booklet for
Hex(183A2C) contains.

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Color

Hex(183A2C)

Conversions

Conversions Part 1

Format	Color
Hex	183A2C
RGB	24, 58, 44
RGB Percent	9%, 23%, 17%
CMY	0.9059, 0.7725, 0.8275
CMYK	0.59, 0.00, 0.24, 0.77
HSL	155°, 41%, 16%
HSV	155°, 59%, 23%
XYZ	2.3444, 3.4022, 2.9160
YIQ	46.2380, -15.7700, -11.5620

Conversions

Conversions Part 2

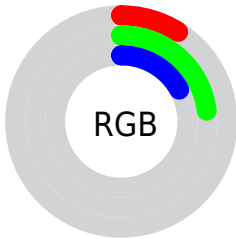
Format	Color
RYB	24, 45, 58
Decimal	1587756
CIELab	21.59, -16.47, 4.97
CIELCh	22, 17.202, 163.212
Yxy	3.4022, 0.2706, 0.3927
Android (android.graphics.Color)	4279777836 (0xFF183A2C)
YUV	46.2380, -1.1033, -19.5027
Hunter-Lab	18.4449, -9.5911, 3.5382




Details

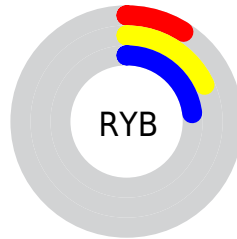
The Hex color **183A2C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3A1826**, and the grayscale version is **2E2E2E**.




A 20% lighter version of the original color is **466959**, and **000B00** is the 20% darker color. If you saturate the color by 10%, you get **123A2A**, and if you desaturate by 10%, it is **1E3A2E**.

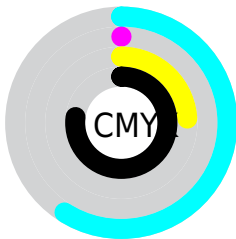
Distribution







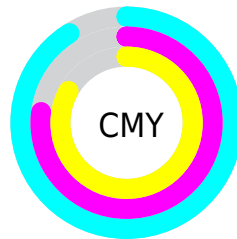
-  Red (9%)
-  Green (23%)
-  Blue (17%)






-  Red (9%)
-  Yellow (18%)
-  Blue (23%)



-  Cyan (59%)
-  Magenta (0%)
-  Yellow (24%)
-  Black (77%)



-  Cyan (91%)
-  Magenta (77%)
-  Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 183A2C 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 183A2C by changing the saturation by 10% instead.

 183A2C

 183A2C

FFFFFF

 022417

 466959

 000B00

 5F8372

 000000

 789D8B

 92B8A6

 ADD4C1

 C8F0DD

 E4FFF9

 183A2C

 183A2C

■ 123A2A

■ 1E3A2E

■ 0C3A27

■ 243A31

■ 073A25

■ 293A33

■ 013A22

■ 2F3A36

■ 003A22

■ 353A38

■ 3B3A3A

■ 413A3D

■ 463A3F

■ 4C3A41

Harmonies

Analogous

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



283821



183A2C



043B39

Triad

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



183A2C



2A334C



4A2C23

Complementary

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



183A2C



3A1826

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.



4C2A2F



183A2C



3C2E46

Square

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



183A2C



13374C



482B3B



42311B

Rectangle

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



183A2C



003A41



482B3B



4C2B26

Sweetspot

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



183A2C



3F4D47



263A18



1E2623



A6A6A6



262626

Same Dimension

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



183A2C



174D36



18373A



191C1B



005C36



00DB81

Inverse Universe

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



3A1826



4D172D



3A1B18



1C191A



5C0026



DB005A

Previews

White Background



This preview shows how the Hex color 183A2C looks on a white background.

Color Contrast Check

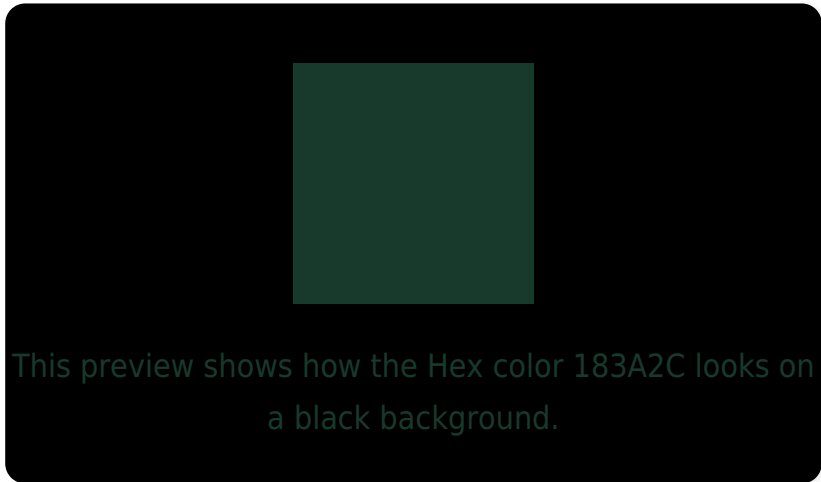
Large Text (above 18pt) WCAG AA ✓ Pass

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

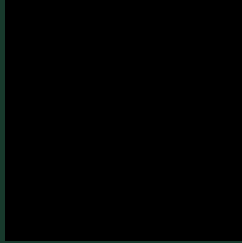
Any Text WCAG AA × Fail

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 183A2C Background



This preview shows how black text looks on a background with the Hex color 183A2C.



This preview shows how white text looks on a background with the Hex color 183A2C.

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](#).

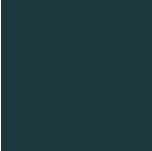
Dichromacy



Original Color
183A2C

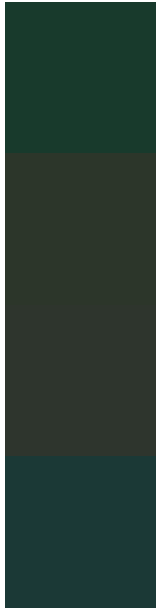
Protanopia
373429

Deuteranopia
3B322E



Tritanopia
1D383C

Trichromacy



Original Color
183A2C

Protanomaly
2C362A

Deuteranomaly
2E352D

Tritanomaly
1B3936

Monochromacy



Original Color
183A2C

Achromatopsia
2E2E2E

Achromatomaly
26322D

CSS Examples

Text

The CSS property to change the color of the text to Hex 183A2C 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 #183A2C looks like.

```
.text, #text, p{  
    color:#183A2C  
}
```

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 #183A2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #183A2C
}
```

Border

The CSS property to change the border of an element to Hex 183A2C is called "border". The border property can be set on classes, ids or directly on the HTML element.

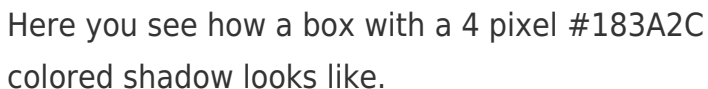
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#183A2C }
```

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

```
.border{ border-color:#183A2C }
```

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



Here you see how a box with a 4 pixel #183A2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #183A2C; -webkit-box-shadow:4px 4px  
4px 4px #183A2C; box-shadow:4px 4px 4px  
4px #183A2C }
```

Background

The CSS property to change the background color of an element to Hex 183A2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#183A2C }
```

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

```
.background{ background-color:#183A2C }
```

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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