

Converting Colors

Hex(193C19)

Have a look what the booklet for
Hex(193C19) contains.

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Color

Hex(193C19)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 193C19 |
| RGB | 25, 60, 25 |
| RGB Percent | 10%, 24%, 10% |
| CMY | 0.9020, 0.7647, 0.9020 |
| CMYK | 0.58, 0.00, 0.58, 0.76 |
| HSL | 120°, 41%, 17% |
| HSV | 120°, 58%, 24% |
| XYZ | 2.1922, 3.5086, 1.4814 |
| YIQ | 45.5450, -9.6250, -18.3050 |

Conversions

Conversions Part 2

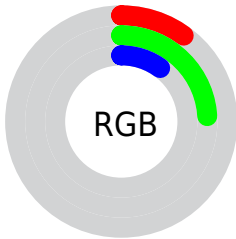
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 25, 60, 60 |
| Decimal | 1653785 |
| CIE _{Lab} | 21.98, -21.36, 17.73 |
| CIE _{LCh} | 22, 27.759, 140.307 |
| Y _{xy} | 3.5086, 0.3052, 0.4885 |
| Android (android.graphics.Color) | 4279843865 (0xFF193C19) |
| YUV | 45.5450, -10.1287, -18.0180 |
| Hunter-Lab | 18.7312, -11.8886, 8.4228 |

Details

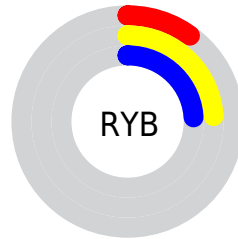
The Hex color **193C19** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3C193C**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **486C45**, and **000D00** is the 20% darker color. If you saturate the color by 10%, you get **133C13**, and if you desaturate by 10%, it is **1F3C1F**.

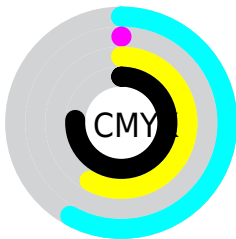
Distribution



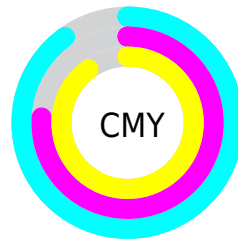
- Red (10%)
- Green (24%)
- Blue (10%)



- Red (10%)
- Yellow (24%)
- Blue (24%)



- Cyan (58%)
- Magenta (0%)
- Yellow (58%)
- Black (76%)



- Cyan (90%)
- Magenta (76%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 193C19 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 193C19 by changing the saturation by 10% instead.

 193C19

 193C19

FFFFFFE

 042600

 486C45

 000D00

 60855D

 000000

 7A9F76

 94BB8F

 AFD6AA

 CAF3C5

 E7FFE1

 193C19

 193C19

■ 133C13

■ 1F3C1F

■ 0D3C0D

■ 253C25

■ 073C07

■ 2B3C2B

■ 013C01

■ 313C31

■ 003C00

■ 373C37

■ 3D3C3D

■ 433C43

■ 493C49

■ 4F3C4F

Harmonies

Analogous

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



32380A



193C19



003E2D

Triad

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



193C19



00395D



5A2328

Complementary

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



193C19



3C193C

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.



57223C



193C19



29325B

Square

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



193C19



003D54



47294F



532915

Rectangle

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



193C19



003F3B



47294F



5A222E

Sweetspot

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



193C19



414F41



3C3C19



202920



A8A8A8



292929

Same Dimension

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



193C19



184F18



193C2A



1C1F1C



005E00



00DE00

Inverse Universe

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



3C193C



4F184F



3C192A



1F1C1F



5E005E



DE00DE

Previews

White Background



This preview shows how the Hex color 193C19 looks on a white background.

Color Contrast Check

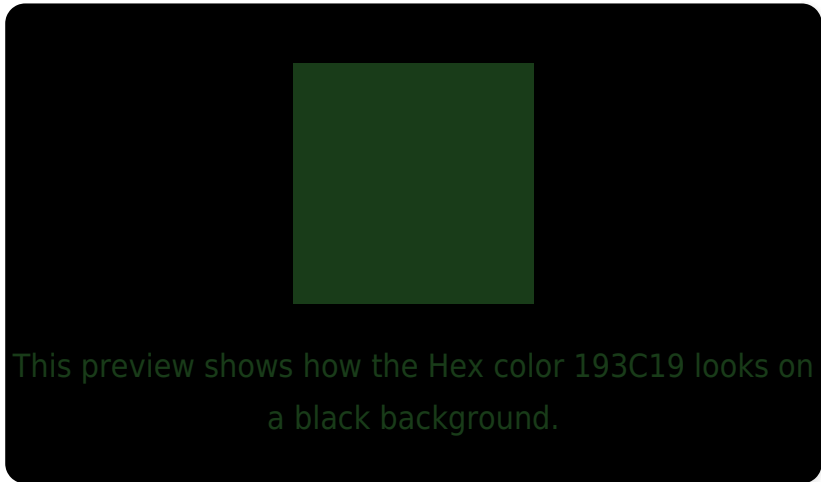
Large Text (above 18pt) WCAG AA ✓ Pass

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

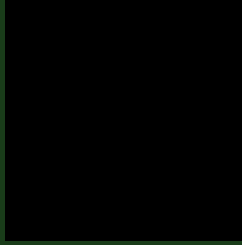
Any Text WCAG AA × Fail

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 193C19 Background



This preview shows how black text looks on a background with the Hex color 193C19.



This preview shows how white text looks on a background with the Hex color 193C19.

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](#).

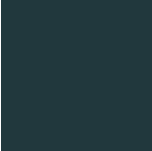
Dichromacy



Original Color
193C19

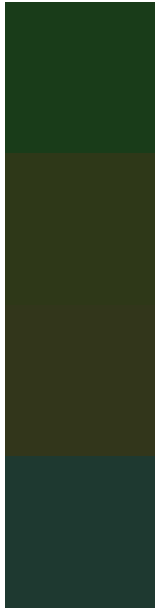
Protanopia
3A3517

Deuteranopia
41321C



Tritanopia
21383D

Trichromacy



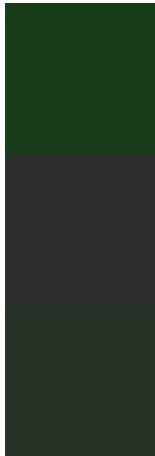
Original Color
193C19

Protanomaly
2E3818

Deuteranomaly
32361B

Tritanomaly
1E3930

Monochromacy



Original Color
193C19

Achromatopsia
2E2E2E

Achromatomaly
263326

CSS Examples

Text

The CSS property to change the color of the text to Hex 193C19 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 #193C19 looks like.

```
.text, #text, p{  
    color:#193C19  
}
```

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 #193C19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #193C19
}
```

Border

The CSS property to change the border of an element to Hex 193C19 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
#193C19 }
```

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

```
.border{ border-color:#193C19 }
```

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

Here you see how a box with a 4 pixel #193C19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #193C19; -webkit-box-shadow:4px 4px  
4px 4px #193C19; box-shadow:4px 4px 4px  
4px #193C19 }
```

Background

The CSS property to change the background color of an element to Hex 193C19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#193C19 }
```

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

```
.background{ background-color:#193C19 }
```

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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