

Converting Colors

Hex(193E1D)

Have a look what the booklet for
Hex(193E1D) contains.

Hex(193E1D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(193E1D)

Conversions

Conversions Part 1

Format	Color
Hex	193E1D
RGB	25, 62, 29
RGB Percent	10%, 24%, 11%
CMY	0.9020, 0.7569, 0.8863
CMYK	0.60, 0.00, 0.53, 0.76
HSL	126°, 43%, 17%
HSV	126°, 60%, 24%
XYZ	2.3453, 3.7406, 1.7608
YIQ	47.1750, -11.4590, -18.1070

Conversions

Conversions Part 2

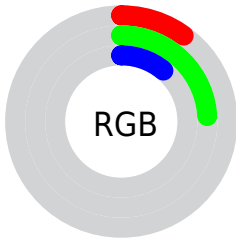
Format	Color
R_{YB}	25, 58, 62
Decimal	1654301
CIE _{Lab}	22.79, -21.65, 16.31
CIE _{LCh}	23, 27.110, 143.010
Yxy	3.7406, 0.2989, 0.4767
Android (android.graphics.Color)	4279844381 (0xFF193E1D)
YUV	47.1750, -8.9603, -19.4475
Hunter-Lab	19.3407, -12.2009, 8.1407

Details

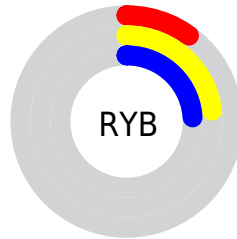
The Hex color **193E1D** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3E193A**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **486E49**, and **001100** is the 20% darker color. If you saturate the color by 10%, you get **133E17**, and if you desaturate by 10%, it is **1F3E23**.

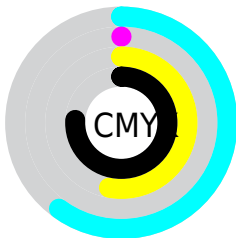
Distribution



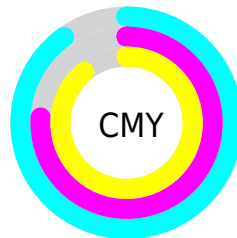
- Red (10%)
- Green (24%)
- Blue (11%)



- Red (10%)
- Yellow (23%)
- Blue (24%)



- Cyan (60%)
- Magenta (0%)
- Yellow (53%)
- Black (76%)



- Cyan (90%)
- Magenta (76%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 193E1D 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 193E1D by changing the saturation by 10% instead.

 193E1D

 193E1D

FFFFFF

 032805

 486E49

 001100

 618861

 000000

 7AA27A

 94BD94

 AFD9AF

 CBF5CA

 E7FFE6

 193E1D

 193E1D

■ 133E17

■ 1F3E23

■ 0D3E12

■ 253E28

■ 063E0C

■ 2C3E2E

■ 003E07

■ 323E33

■ 383E39

■ 3E3E3E

■ 443E44

■ 4B3E49

■ 513E4F

Harmonies

Analogous

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



323A0F



193E1D



004031

Triad

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



193E1D



003A5E



5B2528

Complementary

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



193E1D



3E193A

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.



59253C



193E1D



2F335C

Square

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



193E1D



003E56



4B2B4F



542C17

Rectangle

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



193E1D



00403F



4B2B4F



5C242E

Sweetspot

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



193E1D



435244



3A3E19



202921



A8A8A8



292929

Same Dimension

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



193E1D



17521D



193E2F



1C1F1C



005E0A



00DE18

Inverse Universe

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



3E193A



52174B



3E1928



1F1C1E



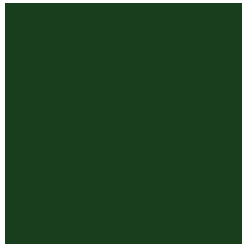
5E0054



DE00C6

Previews

White Background



This preview shows how the Hex color 193E1D looks on a white background.

Color Contrast Check

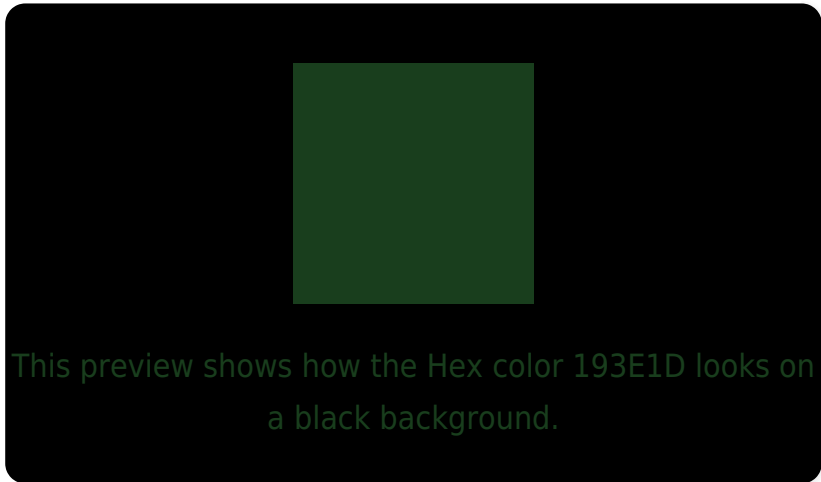
Large Text (above 18pt) WCAG AA ✓ Pass

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

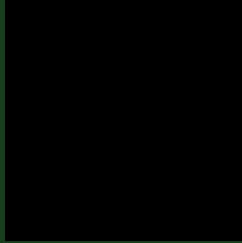
Any Text WCAG AA × Fail

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 193E1D Background



This preview shows how black text looks on a background with the Hex color 193E1D.



This preview shows how white text looks on a background with the Hex color 193E1D.

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
193E1D

Protanopia
3C361B

Deuteranopia
423420



Tritanopia
223A3F

Trichromacy



Original Color
193E1D

Protanomaly
2F391C

Deuteranomaly
33381F

Tritanomaly
1F3B33

Monochromacy



Original Color
193E1D

Achromatopsia
2F2F2F

Achromatomaly
273428

CSS Examples

Text

The CSS property to change the color of the text to Hex 193E1D 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 #193E1D looks like.

```
.text, #text, p{  
    color:#193E1D  
}
```

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 #193E1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #193E1D
}
```

Border

The CSS property to change the border of an element to Hex 193E1D 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
#193E1D }
```

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

```
.border{ border-color:#193E1D }
```

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

Here you see how a box with a 4 pixel #193E1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #193E1D; -webkit-box-shadow:4px 4px  
4px 4px #193E1D; box-shadow:4px 4px 4px  
4px #193E1D }
```

Background

The CSS property to change the background color of an element to Hex 193E1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#193E1D }
```

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

```
.background{ background-color:#193E1D }
```

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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