

Converting Colors

Hex(1E1810)

Have a look what the booklet for
Hex(1E1810) contains.

Hex(1E1810)	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(1E1810)

Conversions

Conversions Part 1

Format	Color
Hex	1E1810
RGB	30, 24, 16
RGB Percent	12%, 9%, 6%
CMY	0.8824, 0.9059, 0.9373
CMYK	0.00, 0.20, 0.47, 0.88
HSL	34°, 30%, 9%
HSV	34°, 47%, 12%
XYZ	0.9556, 0.9667, 0.6264
YIQ	24.8820, 6.1440, -1.2160

Conversions

Conversions Part 2

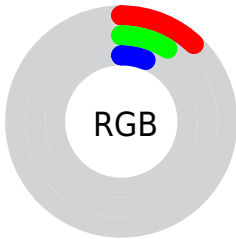
Format	Color
RYB	27, 30, 16
Decimal	1972240
CIELab	8.71, 1.40, 6.06
CIElCh	9, 6.219, 76.970
Yxy	0.9667, 0.3749, 0.3793
Android (android.graphics.Color)	4280162320 (0xFF1E1810)
YUV	24.8820, -4.3788, 4.4885
Hunter-Lab	9.8321, 0.1423, 3.1049

Details

The Hex color **1E1810** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **10161E**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **4A433A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1E170D**, and if you desaturate by 10%, it is **1E1913**.

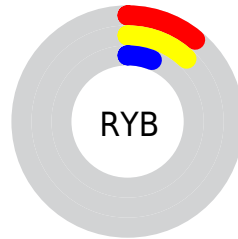
Distribution



Red (12%)

Green (9%)

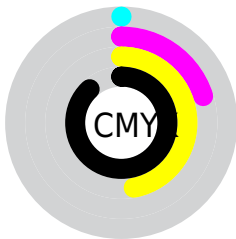
Blue (6%)



Red (11%)

Yellow (12%)

Blue (6%)

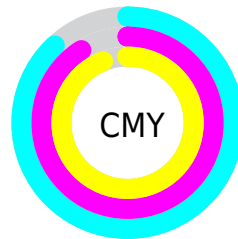


Cyan (0%)

Magenta (20%)

Yellow (47%)

Black (88%)



Cyan (88%)

Magenta (91%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E1810 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 1E1810 by changing the saturation by 10% instead.

■ 1E1810

■ 1E1810

■ FFFAF0

■ 000000

■ 4A433A

■ 625A51

■ 7A736A

■ 948C83

■ AFA69D

■ CAC2B8

■ E7DDD3

■ 1E1810

■ 1E1810

■ 1E170D

■ 1E1913

■ 1E150A

■ 1E1B16

■ 1E1407

■ 1E1C19

■ 1E1304

■ 1E1D1C

■ 1E1201

■ 1E1E1F

■ 1E1100

■ 1E2022

■ 1E2125

■ 1E2228

■ 1E242B

Harmonies

Analogous

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



211713



1E1810



1A1910

Triad

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



1E1810



0D1B1B



1C171F

Complementary

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



1E1810



10161E

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.



171821



1E1810



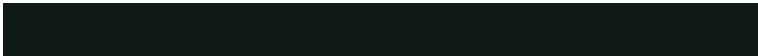
0E1B1F

Square

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



1E1810



101B17



121A21



20161B

Rectangle

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



1E1810



171A12



121A21



1B1820

Sweetspot

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



1E1810



262421



1E1016



141311



949494



141414

Same Dimension

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



1E1810



261D11



1D1E10



0F0F0E



4F2D00



CF7600

Inverse Universe

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



10161E



111A26



11101E



0E0E0F



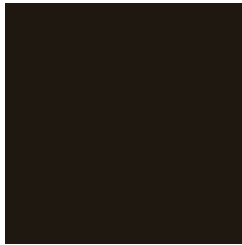
00224F



0059CF

Previews

White Background



This preview shows how the Hex color 1E1810 looks on a white background.

Color Contrast Check

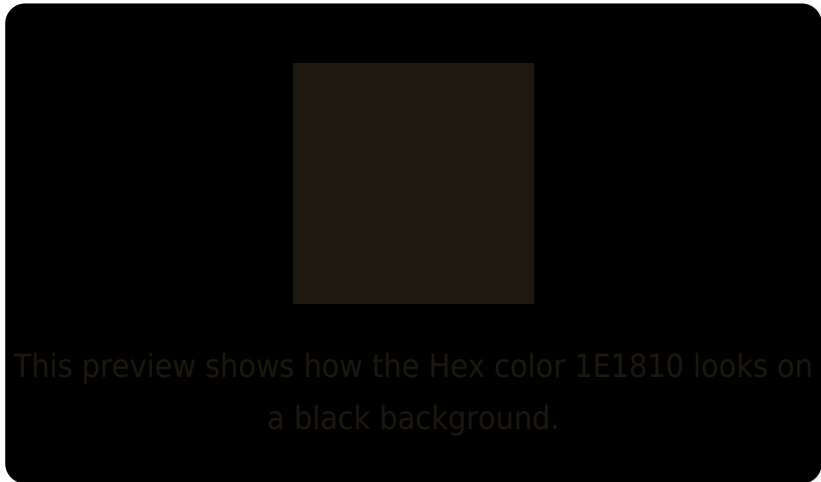
Large Text (above 18pt) WCAG AA ✓ Pass

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

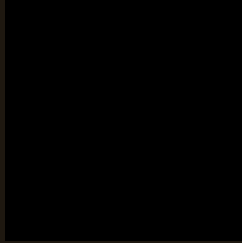
Any Text WCAG AA × Fail

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 1E1810 Background



This preview shows how black text looks on a background with the Hex color 1E1810.

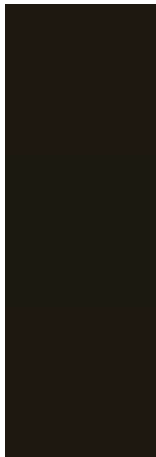


This preview shows how white text looks on a background with the Hex color 1E1810.

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


1E1810

Protanopia

1B1910

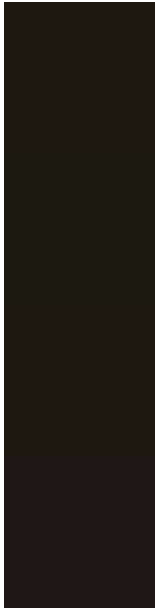
Deuteranopia

1E1810



Tritanopia
1F1719

Trichromacy



Original Color

1E1810

Protanomaly

1C1910

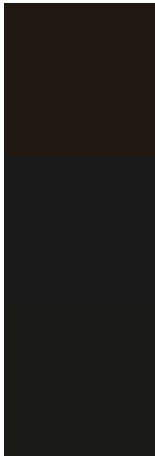
Deuteranomaly

1E1810

Tritanomaly

1F1716

Monochromacy



Original Color

1E1810

Achromatopsia

191919

Achromatomaly

1B1916

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E1810 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 #1E1810 looks like.

```
.text, #text, p{  
    color:#1E1810  
}
```

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 #1E1810 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E1810
}
```

Border

The CSS property to change the border of an element to Hex 1E1810 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
#1E1810 }
```

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

```
.border{ border-color:#1E1810 }
```

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

Here you see how a box with a 4 pixel #1E1810 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E1810; -webkit-box-shadow:4px 4px  
4px 4px #1E1810; box-shadow:4px 4px 4px  
4px #1E1810 }
```

Background

The CSS property to change the background color of an element to Hex 1E1810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E1810 }
```

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

```
.background{ background-color:#1E1810 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor