

Converting Colors

Hex(1E1718)

Have a look what the booklet for
Hex(1E1718) contains.

Hex(1E1718)	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(1E1718)

Conversions

Conversions Part 1

Format	Color
Hex	1E1718
RGB	30, 23, 24
RGB Percent	12%, 9%, 9%
CMY	0.8824, 0.9098, 0.9059
CMYK	0.00, 0.23, 0.20, 0.88
HSL	351°, 13%, 10%
HSV	351°, 23%, 12%
XYZ	1.0067, 0.9548, 0.9954
YIQ	25.2070, 3.8510, 1.7950

Conversions

Conversions Part 2

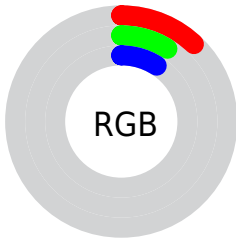
Format	Color
RYB	30, 23, 24
Decimal	1971992
CIELab	8.61, 3.73, 0.61
CIELCh	9, 3.782, 9.280
Yxy	0.9548, 0.3405, 0.3229
Android (android.graphics.Color)	4280162072 (0xFF1E1718)
YUV	25.2070, -0.5951, 4.2035
Hunter-Lab	9.7712, 1.2906, 0.8000

Details

The Hex color **1E1718** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **171E1D**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **4A4243**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1E1415**, and if you desaturate by 10%, it is **1E1A1B**.

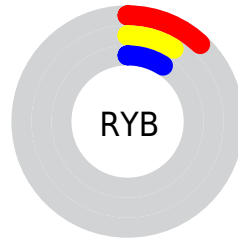
Distribution



Red (12%)

Green (9%)

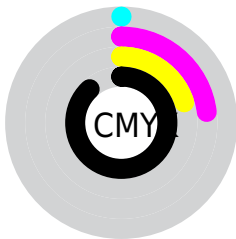
Blue (9%)



Red (12%)

Yellow (9%)

Blue (9%)

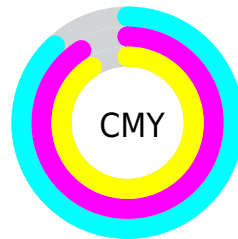


Cyan (0%)

Magenta (23%)

Yellow (20%)

Black (88%)



Cyan (88%)

Magenta (91%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E1718 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 1E1718 by changing the saturation by 10% instead.

■ 1E1718

■ 1E1718

■ FFF9FA

■ 000000

■ 4A4243

■ 62595A

■ 7A7173

■ 948B8C

■ AFA5A6

■ CAC0C1

■ E6DCDD

■ 1E1718

■ 1E1718

■ 1E1415

■ 1E1A1B

■ 1E1113

■ 1E1D1D

■ 1E0E10

■ 1E2020

■ 1E0B0E

■ 1E2322

■ 1E080B

■ 1E2625

■ 1E0509

■ 1E2927

■ 1E0206

■ 1E2C2A

■ 1E0004

■ 1E2F2D

■ 1E322F

Harmonies

Analogous

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



1D171B



1E1718



1E1716

Triad

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



1E1718



171A15



14191D

Complementary

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



1E1718



171E1D

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.



121A1C



1E1718



141A17

Square

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



1E1718



1A1914



131A19



17191E

Rectangle

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



1E1718



1D1814



131A19



131A1D

Sweetspot

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



1E1718



262424



1D171E



141313



949494



141414

Same Dimension

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



1E1718



261C1D



1E1917



0F0E0E



4F000B



CF001E

Inverse Universe

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



1E1718



261C1D



171C1E



0F0E0E



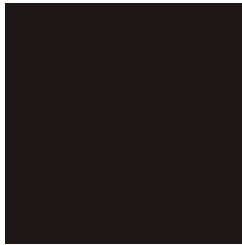
4F000B



CF001E

Previews

White Background



This preview shows how the Hex color 1E1718 looks on a white background.

Color Contrast Check

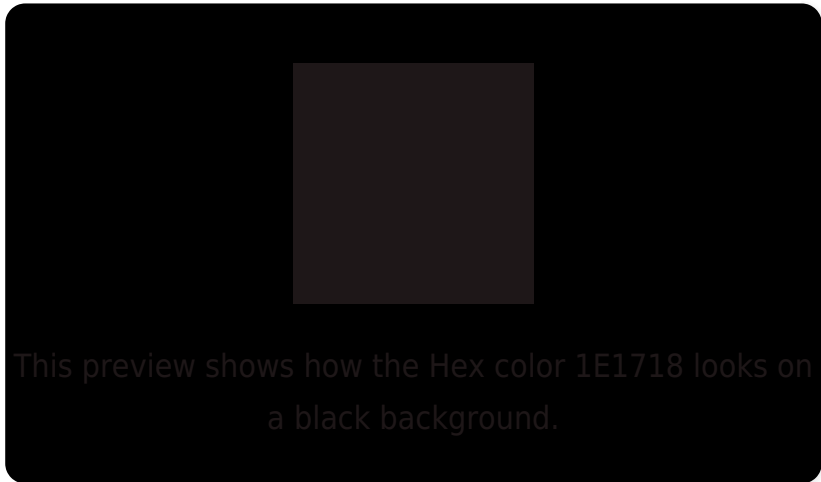
Large Text (above 18pt) WCAG AA ✓ Pass

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

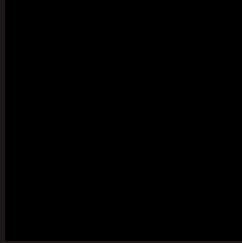
Any Text WCAG AA × Fail

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 1E1718 Background



This preview shows how black text looks on a background with the Hex color 1E1718.

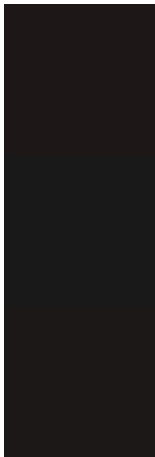


This preview shows how white text looks on a background with the Hex color 1E1718.

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
1E1718

Protanopia
191919

Deuteranopia
1C1818



Tritanopia
1E1719

Trichromacy



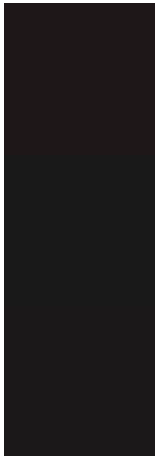
Original Color
1E1718

Protanomaly
1B1819

Deuteranomaly
1D1818

Tritanomaly
1E1719

Monochromacy



Original Color
1E1718

Achromatopsia
191919

Achromatomaly
1B1819

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E1718 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 #1E1718 looks like.

```
.text, #text, p{  
    color:#1E1718  
}
```

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 #1E1718 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E1718  
}
```

Border

The CSS property to change the border of an element to Hex 1E1718 is called "border". The border property can be set on classes, ids or directly on the HTML element.

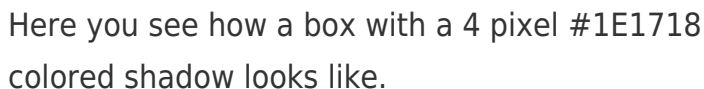
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#1E1718 }
```

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

```
.border{ border-color:#1E1718 }
```

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



Here you see how a box with a 4 pixel #1E1718 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E1718; -webkit-box-shadow:4px 4px  
4px 4px #1E1718; box-shadow:4px 4px 4px  
4px #1E1718 }
```

Background

The CSS property to change the background color of an element to Hex 1E1718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E1718 }
```

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

```
.background{ background-color:#1E1718 }
```

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