

Converting Colors

Hex(1E1E17)

Have a look what the booklet for
Hex(1E1E17) contains.

Hex(1E1E17)	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(1E1E17)

Conversions

Conversions Part 1

Format	Color
Hex	1E1E17
RGB	30, 30, 23
RGB Percent	12%, 12%, 9%
CMY	0.8824, 0.8824, 0.9098
CMYK	0.00, 0.00, 0.23, 0.88
HSL	60°, 13%, 10%
HSV	60°, 23%, 12%
XYZ	1.1543, 1.2664, 0.9942
YIQ	29.2020, 2.2470, -2.1770

Conversions

Conversions Part 2

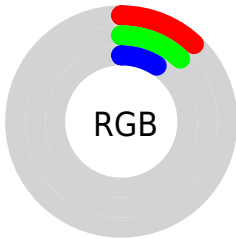
Format	Color
RYB	23, 30, 23
Decimal	1973783
CIELab	11.04, -1.62, 4.82
CIELCh	11, 5.079, 108.541
Yxy	1.2664, 0.3380, 0.3708
Android (android.graphics.Color)	4280163863 (0xFF1E1E17)
YUV	29.2020, -3.0576, 0.6998
Hunter-Lab	11.2536, -1.3839, 2.6394

Details

The Hex color **1E1E17** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17171E**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **4A4A42**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1E1E14**, and if you desaturate by 10%, it is **1E1E1A**.

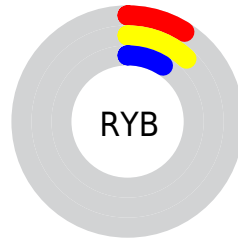
Distribution



Red (12%)

Green (12%)

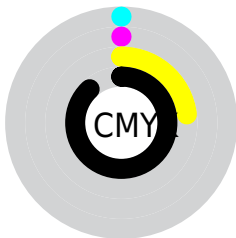
Blue (9%)



Red (9%)

Yellow (12%)

Blue (9%)

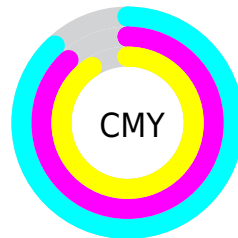


Cyan (0%)

Magenta (0%)

Yellow (23%)

Black (88%)



Cyan (88%)

Magenta (88%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E1E17 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 1E1E17 by changing the saturation by 10% instead.

■ 1E1E17

■ 1E1E17

■ FFFFFFF9

■ 020500

■ 4A4A42

■ 000000

■ 616159

■ 7A7A71

■ 94948B

■ AFAEA5

■ CACAC0

■ E6E6DC

■ 1E1E17

■ 1E1E17

■ 1E1E14

■ 1E1E1A

■ 1E1E11

■ 1E1E1D

■ 1E1E0E

■ 1E1E20

■ 1E1E0B

■ 1E1E23

■ 1E1E08

■ 1E1E26

■ 1E1E05

■ 1E1E29

■ 1E1E02

■ 1E1E2C

■ 1E1E00

■ 1E1E2F

■ 1E1E32

Harmonies

Analogous

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



221D17



1E1E17



1A1F19

Triad

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



1E1E17



151F23



241B1F

Complementary

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



1E1E17



17171E

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.



211C22



1E1E17



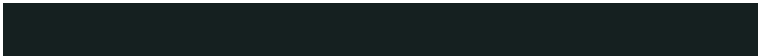
181E24

Square

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



1E1E17



152020



1D1D24



251B1C

Rectangle

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



1E1E17



181F1B



1D1D24



231B20

Sweetspot

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



1E1E17



262624



1E1717



141413



949494



141414

Same Dimension

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



1E1E17



26261C



1A1E17



0F0F0E



4F4F00



CFCF00

Inverse Universe

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



17171E



1C1C26



1A171E



0E0E0F



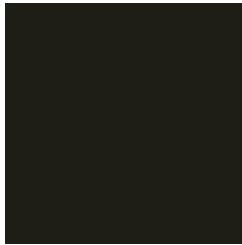
00004F



0000CF

Previews

White Background



This preview shows how the Hex color 1E1E17 looks on a white background.

Color Contrast Check

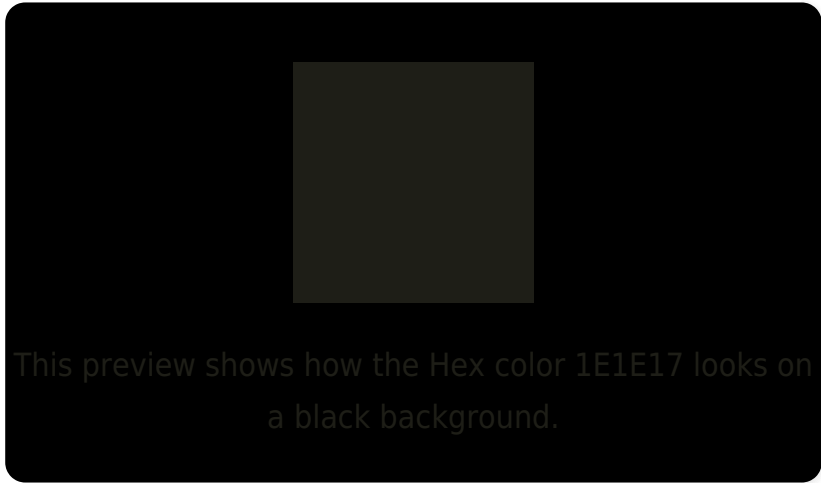
Large Text (above 18pt) WCAG AA ✓ Pass

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 1E1E17 Background



This preview shows how black text looks on a background with the Hex color 1E1E17.



This preview shows how white text looks on a background with the Hex color 1E1E17.

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
1E1E17

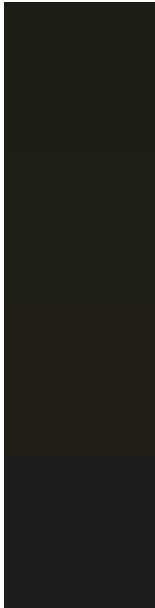
Protanopia
201E17

Deuteranopia
231C17



Tritanopia
1F1D1F

Trichromacy



Original Color

1E1E17

Protanomaly

1F1E17

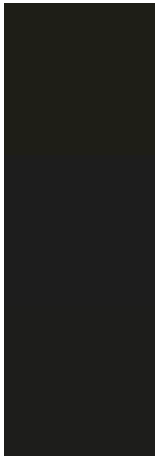
Deuteranomaly

211D17

Tritanomaly

1F1D1C

Monochromacy



Original Color

1E1E17

Achromatopsia

1D1D1D

Achromatomaly

1D1D1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E1E17 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 #1E1E17 looks like.

```
.text, #text, p{  
    color:#1E1E17  
}
```

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 #1E1E17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E1E17  
}
```

Border

The CSS property to change the border of an element to Hex 1E1E17 is called "border". The border property can be set on classes, ids or directly on the HTML element.

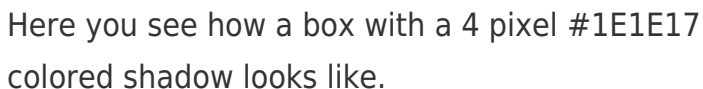
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#1E1E17 }
```

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

```
.border{ border-color:#1E1E17 }
```

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



Here you see how a box with a 4 pixel #1E1E17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E1E17; -webkit-box-shadow:4px 4px  
4px 4px #1E1E17; box-shadow:4px 4px 4px  
4px #1E1E17 }
```

Background

The CSS property to change the background color of an element to Hex 1E1E17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E1E17 }
```

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

```
.background{ background-color:#1E1E17 }
```

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