

Converting Colors

Hex(1E201E)

Have a look what the booklet for
Hex(1E201E) contains.

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Color

Hex(1E201E)

Conversions

Conversions Part 1

Format	Color
Hex	1E201E
RGB	30, 32, 30
RGB Percent	12%, 13%, 12%
CMY	0.8824, 0.8745, 0.8824
CMYK	0.06, 0.00, 0.06, 0.87
HSL	120°, 3%, 12%
HSV	120°, 6%, 13%
XYZ	1.2863, 1.4028, 1.4313
YIQ	31.1740, -0.5500, -1.0460

Conversions

Conversions Part 2

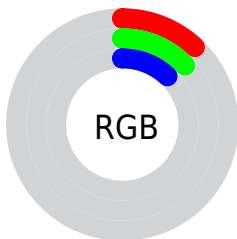
Format	Color
R_{YB}	30, 32, 32
Decimal	1974302
CIE _{Lab}	11.98, -1.43, 1.03
CIE _{LCh}	12, 1.768, 144.223
Yxy	1.4028, 0.3122, 0.3405
Android (android.graphics.Color)	4280164382 (0xFF1E201E)
YUV	31.1740, -0.5788, -1.0296
Hunter-Lab	11.8439, -1.3413, 1.1259

Details

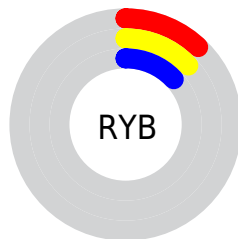
The Hex color **1E201E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **201E20**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **4A4C4A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1B201B**, and if you desaturate by 10%, it is **212021**.

Distribution



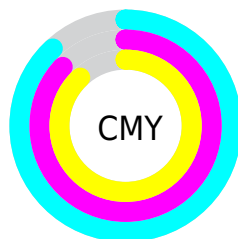
- Red (12%)
- Green (13%)
- Blue (12%)



- Red (12%)
- Yellow (13%)
- Blue (13%)



- Cyan (6%)
- Magenta (0%)
- Yellow (6%)
- Black (87%)



- Cyan (88%)
- Magenta (87%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E201E 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 1E201E by changing the saturation by 10% instead.



1E201E



1E201E

FFFFFF



050805



4A4C4A



000000



616461



7A7D7A



949694



AEB1AE



CACDCA



E6E9E6



1E201E



1E201E

■ 1B201B

■ 212021

■ 182018

■ 242024

■ 142014

■ 282028

■ 112011

■ 2B202B

■ 0E200E

■ 2E202E

■ 0B200B

■ 312031

■ 082008

■ 342034

■ 042004

■ 382038

■ 012001

■ 3B203B

Harmonies

Analogous

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



1F201D



1E201E



1D201F

Triad

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



1E201E



1E2022



221F1E

Complementary

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



1E201E



201E20

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.



221F20



1E201E



1F1F22

Square

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



1E201E



1D2021



211F21



221F1E

Rectangle

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



1E201E



1D2020



211F21



221F1F

Sweetspot

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



1E201E



282928



20201E



141414



949494

Same Dimension

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



1E201E



262926



1E201F



0E0F0E



004F00



00CF00

Inverse Universe

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



201E20



292629



201E1F



0F0E0F



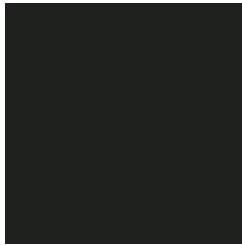
4F004F



CF00CF

Previews

White Background



This preview shows how the Hex color 1E201E looks on a white background.

Color Contrast Check

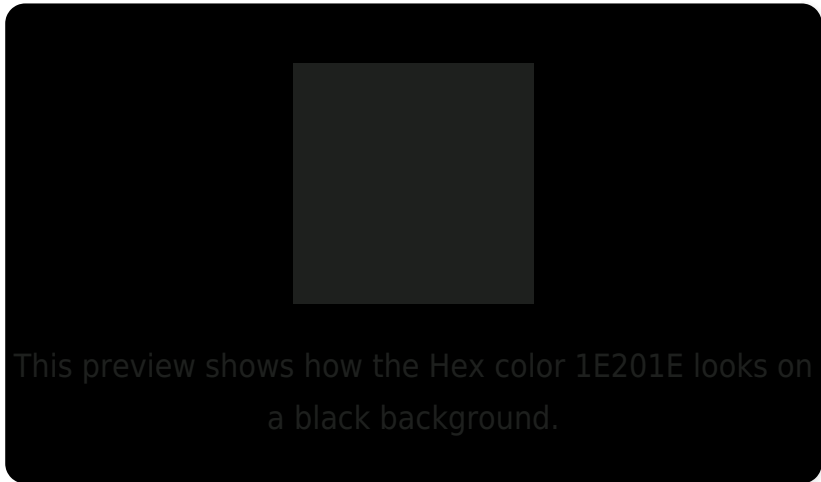
Large Text (above 18pt) WCAG AA ✓ Pass

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

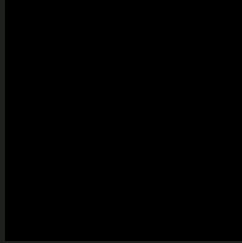
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

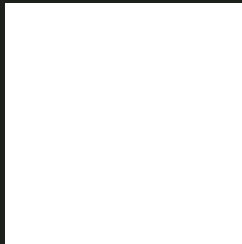
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 1E201E Background



This preview shows how black text looks on a background with the Hex color 1E201E.

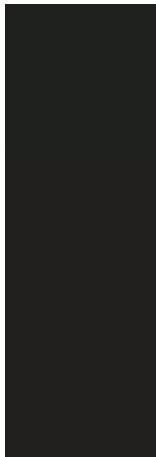


This preview shows how white text looks on a background with the Hex color 1E201E.

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
1E201E

Protanopia
201F1E

Deuteranopia
231E1E



Tritanopia
1F1F22

Trichromacy



Original Color

1E201E

Protanomaly

1F1F1E

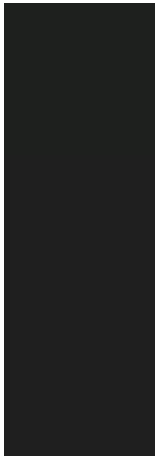
Deuteranomaly

211F1E

Tritanomaly

1F1F21

Monochromacy



Original Color

1E201E

Achromatopsia

1F1F1F

Achromatomaly

1F1F1F

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E201E 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 #1E201E looks like.

```
.text, #text, p{  
    color:#1E201E  
}
```

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 #1E201E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E201E
}
```

Border

The CSS property to change the border of an element to Hex 1E201E is called "border". The border property can be set on classes, ids or directly on the HTML element.

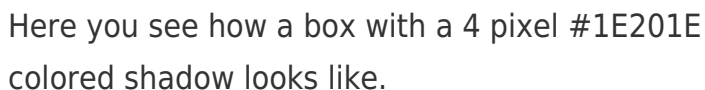
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1E201E }
```

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

```
.border{ border-color:#1E201E }
```

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



Here you see how a box with a 4 pixel #1E201E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E201E; -webkit-box-shadow:4px 4px  
4px 4px #1E201E; box-shadow:4px 4px 4px  
4px #1E201E }
```

Background

The CSS property to change the background color of an element to Hex 1E201E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E201E }
```

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

```
.background{ background-color:#1E201E }
```

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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