

Converting Colors

Hex(131813)

Have a look what the booklet for
Hex(131813) contains.

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Color

Hex(131813)

Conversions

Conversions Part 1

Format	Color
Hex	131813
RGB	19, 24, 19
RGB Percent	7%, 9%, 7%
CMY	0.9255, 0.9059, 0.9255
CMYK	0.21, 0.00, 0.21, 0.91
HSL	120°, 12%, 8%
HSV	120°, 21%, 9%
XYZ	0.7127, 0.8387, 0.7404
YIQ	21.9350, -1.3750, -2.6150

Conversions

Conversions Part 2

Format	Color
R_YB	19, 24, 24
Decimal	1251347
CIE Lab	7.58, -3.46, 2.47
CIE LCh	8, 4.252, 144.454
Yxy	0.8387, 0.3110, 0.3660
Android (android.graphics.Color)	4279441427 (0xFF131813)
YUV	21.9350, -1.4470, -2.5740
Hunter-Lab	9.1582, -2.1352, 1.6173

Details

The Hex color **131813** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **181318**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **3D433D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **111811**, and if you desaturate by 10%, it is **151815**.

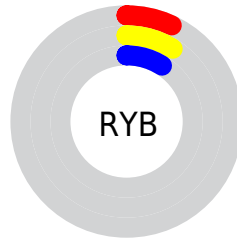
Distribution



Red (7%)

Green (9%)

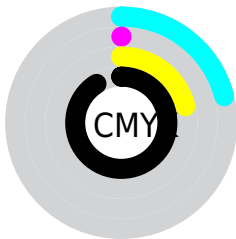
Blue (7%)



Red (7%)

Yellow (9%)

Blue (9%)

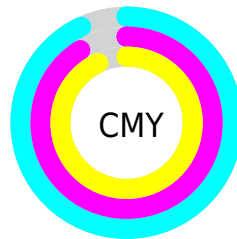


Cyan (21%)

Magenta (0%)

Yellow (21%)

Black (91%)



Cyan (93%)

Magenta (91%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 131813 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 131813 by changing the saturation by 10% instead.

■ 131813

■ 131813

■ F3FAF3

■ 000000

■ 3D433D

■ 545A54

■ 6D726D

■ 868C86

■ A0A6A0

■ BBC1BB

■ D7DDD7

■ 131813

■ 131813

■ 111811

■ 151815

■ 0E180E

■ 181818

■ 0C180C

■ 1A181A

■ 091809

■ 1D181D

■ 071807

■ 1F181F

■ 051805

■ 211821

■ 021802

■ 241824

■ 001800

■ 261826

■ 291829

Harmonies

Analogous

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



171711



131813



101816

Triad

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



131813



13171C



1D1514

Complementary

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



131813



181318

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.



1C1517



131813



17161C

Square

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



131813



10181B



1A151A



1C1512

Rectangle

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



131813



0F1818



1A151A



1D1515

Sweetspot

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



131813



1D1F1D



181813



0E0F0E



8F8F8F



0F0F0F

Same Dimension

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



131813



171F17



131815



0B0D0B



004D00



00CC00

Inverse Universe

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



181318



1F171F



181315



0D0B0D



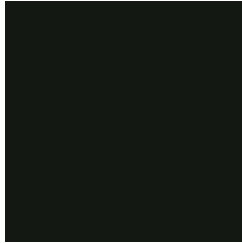
4D004D



CC00CC

Previews

White Background



This preview shows how the Hex color 131813 looks on a white background.

Color Contrast Check

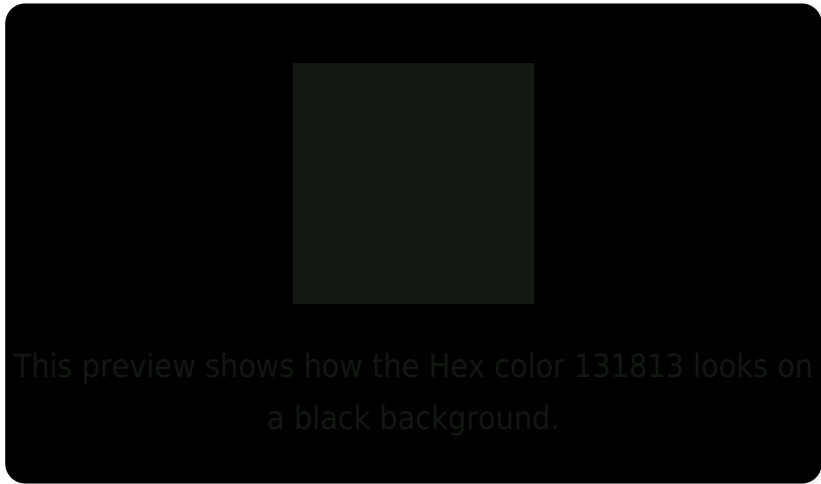
Large Text (above 18pt) WCAG AA ✓ Pass

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

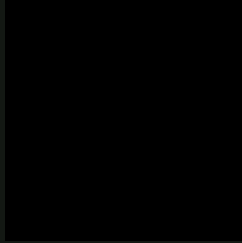
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

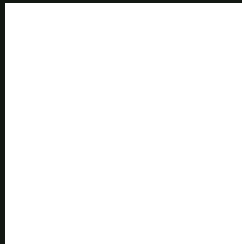
Any Text WCAG AAA × Fail

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

Hex 131813 Background



This preview shows how black text looks on a background with the Hex color 131813.

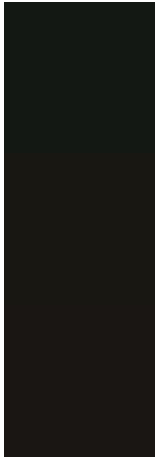


This preview shows how white text looks on a background with the Hex color 131813.

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
131813

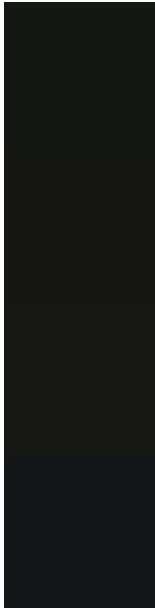
Protanopia
181712

Deuteranopia
1A1613



Tritanopia
141719

Trichromacy



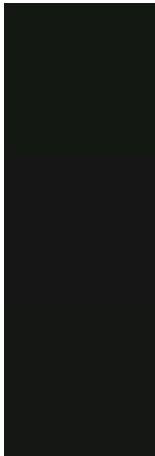
Original Color
131813

Protanomaly
161712

Deuteranomaly
171713

Tritanomaly
141717

Monochromacy



Original Color
131813

Achromatopsia
161616

Achromatomaly
151715

CSS Examples

Text

The CSS property to change the color of the text to Hex 131813 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 #131813 looks like.

```
.text, #text, p{  
    color:#131813  
}
```

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 #131813 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #131813
}
```

Border

The CSS property to change the border of an element to Hex 131813 is called "border". The border property can be set on classes, ids or directly on the HTML element.

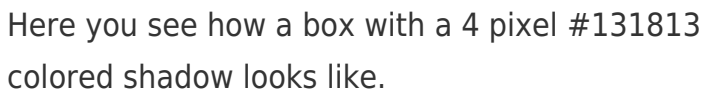
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#131813 }
```

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

```
.border{ border-color:#131813 }
```

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



Here you see how a box with a 4 pixel #131813 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #131813; -webkit-box-shadow:4px 4px  
4px 4px #131813; box-shadow:4px 4px 4px  
4px #131813 }
```

Background

The CSS property to change the background color of an element to Hex 131813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#131813 }
```

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

```
.background{ background-color:#131813 }
```

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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