

Converting Colors

Hex(131D17)

Have a look what the booklet for
Hex(131D17) contains.

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Color

Hex(131D17)

Conversions

Conversions Part 1

Format	Color
Hex	131D17
RGB	19, 29, 23
RGB Percent	7%, 11%, 9%
CMY	0.9255, 0.8863, 0.9098
CMYK	0.34, 0.00, 0.21, 0.89
HSL	144°, 21%, 9%
HSV	144°, 34%, 11%
XYZ	0.8626, 1.0790, 0.9734
YIQ	25.3260, -4.0340, -3.9860

Conversions

Conversions Part 2

Format	Color
RYB	19, 26, 29
Decimal	1252631
CIELab	9.63, -6.19, 2.69
CIELCh	10, 6.752, 156.558
Yxy	1.0790, 0.2959, 0.3702
Android (android.graphics.Color)	4279442711 (0xFF131D17)
YUV	25.3260, -1.1467, -5.5479
Hunter-Lab	10.3877, -3.3560, 1.7153

Details

The Hex color **131D17** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1D1319**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **3D4941**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **101D15**, and if you desaturate by 10%, it is **161D19**.

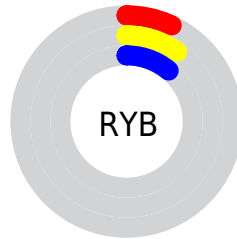
Distribution



Red (7%)

Green (11%)

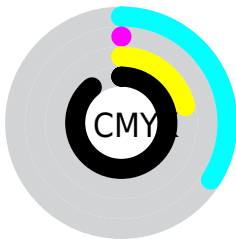
Blue (9%)



Red (7%)

Yellow (10%)

Blue (11%)

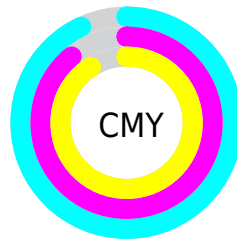


Cyan (34%)

Magenta (0%)

Yellow (21%)

Black (89%)



Cyan (93%)

Magenta (89%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 131D17 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 131D17 by changing the saturation by 10% instead.

■ 131D17

■ 131D17

■ F3FFF8

■ 000000

■ 3D4941

■ 546059

■ 6D7971

■ 86938B

■ A0ADA5

■ BBC9C0

■ D7E5DC

■ 131D17

■ 131D17

■ 101D15

■ 161D19

■ 0D1D14

■ 191D1A

■ 0A1D12

■ 1C1D1C

■ 071D10

■ 1F1D1E

■ 051D0E

■ 221D20

■ 021D0D

■ 241D21

■ 001D0C

■ 271D23

■ 2A1D25

■ 2D1D27

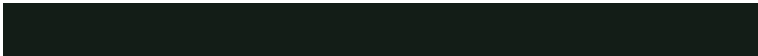
Harmonies

Analogous

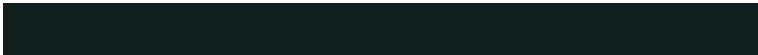
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



181C13



131D17



0F1D1C

Triad

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



131D17



171B24



241816

Complementary

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



131D17



1D1319

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.



24171A



131D17



1D1922

Square

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



131D17



111C23



21181E



211912

Rectangle

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



131D17



0E1D1F



21181E



241817

Sweetspot

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



131D17



222624



191D13



121413



949494



141414

Same Dimension

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



131D17



17261D



131D1C



0E0F0E



004F20



00CF53

Inverse Universe

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



1D1319



261720



1D1314



0F0E0F



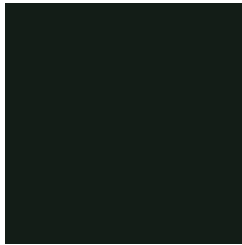
4F002F



CF007C

Previews

White Background



This preview shows how the Hex color 131D17 looks on a white background.

Color Contrast Check

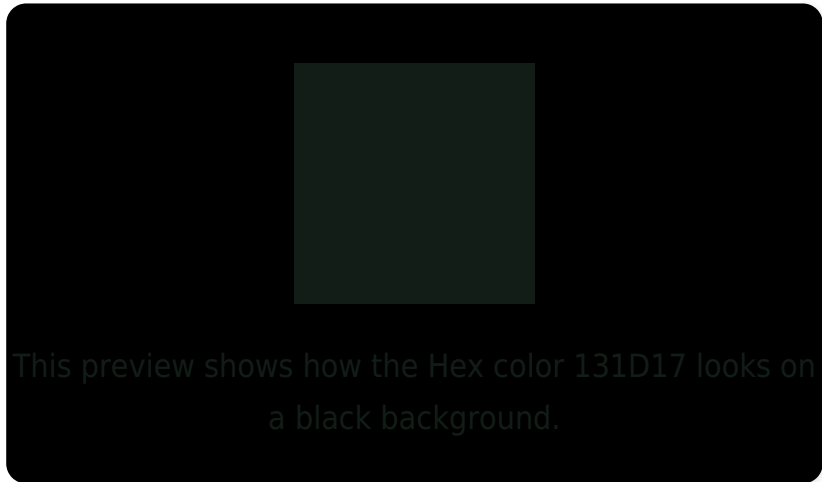
Large Text (above 18pt) WCAG AA ✓ Pass

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

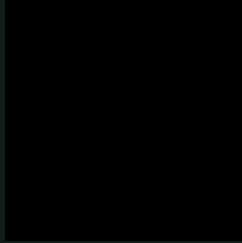
Any Text WCAG AA × Fail

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 131D17 Background



This preview shows how black text looks on a background with the Hex color 131D17.

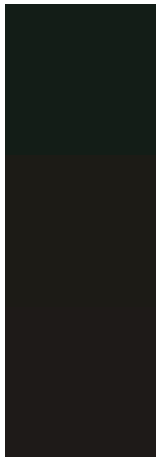


This preview shows how white text looks on a background with the Hex color 131D17.

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
131D17

Protanopia
1C1B16

Deuteranopia
1E1A18



Tritanopia
151C1E

Trichromacy



Original Color

131D17

Protanomaly

191C16

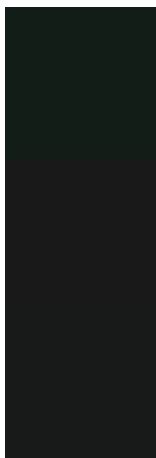
Deuteranomaly

1A1B18

Tritanomaly

141C1B

Monochromacy



Original Color

131D17

Achromatopsia

191919

Achromatomaly

171A18

CSS Examples

Text

The CSS property to change the color of the text to Hex 131D17 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 #131D17 looks like.

```
.text, #text, p{  
    color:#131D17  
}
```

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 #131D17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #131D17
}
```

Border

The CSS property to change the border of an element to Hex 131D17 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
#131D17 }
```

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

```
.border{ border-color:#131D17 }
```

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

Here you see how a box with a 4 pixel #131D17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #131D17; -webkit-box-shadow:4px 4px  
4px 4px #131D17; box-shadow:4px 4px 4px  
4px #131D17 }
```

Background

The CSS property to change the background color of an element to Hex 131D17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#131D17 }
```

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

```
.background{ background-color:#131D17 }
```

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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