

Converting Colors

Hex(131613)

Have a look what the booklet for
Hex(131613) contains.

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Color

Hex(131613)

Conversions

Conversions Part 1

Format	Color
Hex	131613
RGB	19, 22, 19
RGB Percent	7%, 9%, 7%
CMY	0.9255, 0.9137, 0.9255
CMYK	0.14, 0.00, 0.14, 0.91
HSL	120°, 7%, 8%
HSV	120°, 14%, 9%
XYZ	0.6730, 0.7593, 0.7272
YIQ	20.7610, -0.8250, -1.5690

Conversions

Conversions Part 2

Format	Color
RYB	19, 22, 22
Decimal	1250835
CIELab	6.86, -1.99, 1.42
CIELCh	7, 2.450, 144.462
Yxy	0.7593, 0.3117, 0.3516
Android (android.graphics.Color)	4279440915 (0xFF131613)
YUV	20.7610, -0.8682, -1.5444
Hunter-Lab	8.7137, -1.4623, 1.1517

Details

The Hex color **131613** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **161316**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **3D403D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **111611**, and if you desaturate by 10%, it is **151615**.

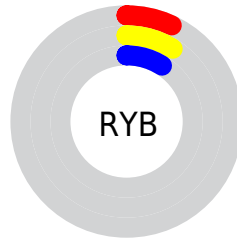
Distribution



Red (7%)

Green (9%)

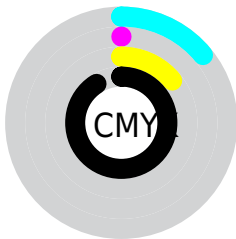
Blue (7%)



Red (7%)

Yellow (9%)

Blue (9%)

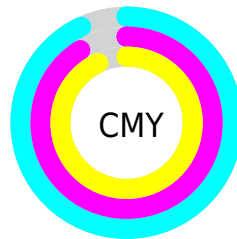


Cyan (14%)

Magenta (0%)

Yellow (14%)

Black (91%)



Cyan (93%)

Magenta (91%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 131613 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 131613 by changing the saturation by 10% instead.

■ 131613

■ 131613

■ F3F7F3

■ 000000

■ 3D403D

■ 545854

■ 6D706D

■ 868986

■ A0A4A0

■ BBBFBB

■ D7DBD7

■ 131613

■ 131613

■ 111611

■ 151615

■ 0F160F

■ 171617

■ 0C160C

■ 1A161A

■ 0A160A

■ 1C161C

■ 081608

■ 1E161E

■ 061606

■ 201620

■ 041604

■ 221622

■ 011601

■ 251625

■ 001600

■ 271627

Harmonies

Analogous

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



151612



131613



111615

Triad

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



131613



131518



191414

Complementary

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



131613



161316

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.



191416



131613



151518

Square

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



131613



111618



171417



181412

Rectangle

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



131613



111616



171417



191414

Sweetspot

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



131613



1B1C1B



161613



0F0F0F



8F8F8F

Same Dimension

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



131613



181C18



131615



090A09



004A00



00C900

Inverse Universe

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



161316



1C181C



161315



0A090A



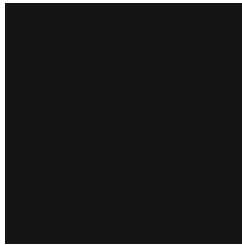
4A004A



C900C9

Previews

White Background



This preview shows how the Hex color 131613 looks on a white background.

Color Contrast Check

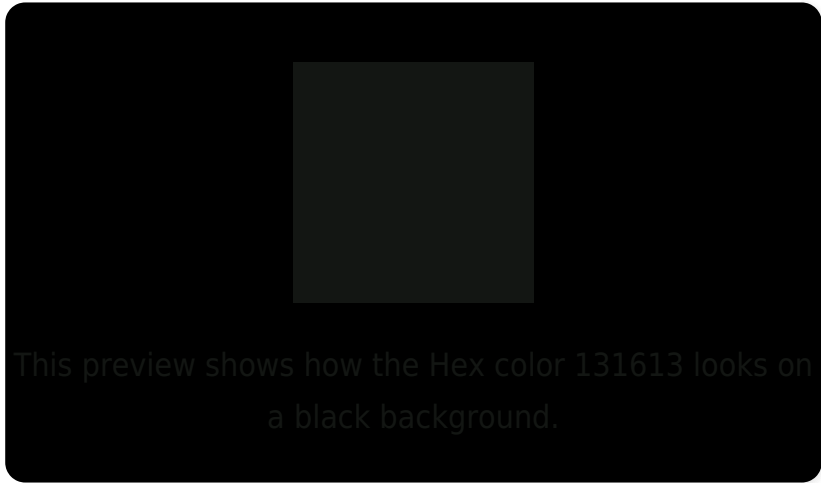
Large Text (above 18pt) WCAG AA ✓ Pass

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

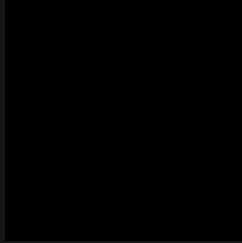
Any Text WCAG AA × Fail

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 131613 Background



This preview shows how black text looks on a background with the Hex color 131613.

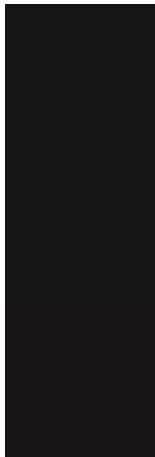


This preview shows how white text looks on a background with the Hex color 131613.

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
131613

Protanopia
161513

Deuteranopia
181413



Tritanopia
141517

Trichromacy



Original Color

131613

Protanomaly

151513

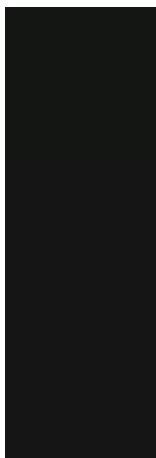
Deuteranomaly

161513

Tritanomaly

141516

Monochromacy



Original Color

131613

Achromatopsia

151515

Achromatomaly

141514

CSS Examples

Text

The CSS property to change the color of the text to Hex 131613 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 #131613 looks like.

```
.text, #text, p{  
    color:#131613  
}
```

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 #131613 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #131613
}
```

Border

The CSS property to change the border of an element to Hex 131613 is called "border". The border property can be set on classes, ids or directly on the HTML element.

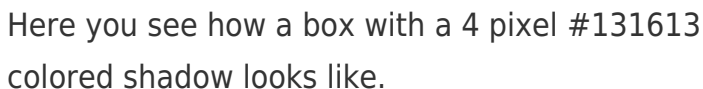
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#131613 }
```

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

```
.border{ border-color:#131613 }
```

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



Here you see how a box with a 4 pixel #131613 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #131613; -webkit-box-shadow:4px 4px  
4px 4px #131613; box-shadow:4px 4px 4px  
4px #131613 }
```

Background

The CSS property to change the background color of an element to Hex 131613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#131613 }
```

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

```
.background{ background-color:#131613 }
```

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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