

Converting Colors

Hex(131B01)

Have a look what the booklet for
Hex(131B01) contains.

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Color

Hex(131B01)

Conversions

Conversions Part 1

Format	Color
Hex	131B01
RGB	19, 27, 1
RGB Percent	7%, 11%, 0%
CMY	0.9255, 0.8941, 0.9961
CMYK	0.30, 0.00, 0.96, 0.89
HSL	78°, 93%, 5%
HSV	78°, 96%, 11%
XYZ	0.6660, 0.9245, 0.1721
YIQ	21.6440, 3.5780, -9.7820

Conversions

Conversions Part 2

Format	Color
R_{YB}	1, 27, 9
Decimal	1252097
CIE Lab	8.35, -8.69, 11.93
CIE LCh	8, 14.760, 126.084
Yxy	0.9245, 0.3778, 0.5245
Android (android.graphics.Color)	4279442177 (0xFF131B01)
YUV	21.6440, -10.1775, -2.3188
Hunter-Lab	9.6151, -4.4630, 5.6696

Details

The Hex color **131B01** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **09011B**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **3C4630**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **131B00**, and if you desaturate by 10%, it is **141B04**.

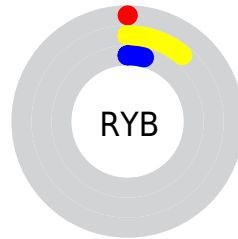
Distribution



Red (7%)

Green (11%)

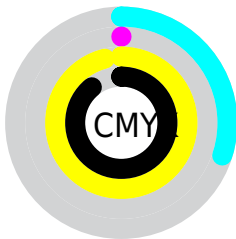
Blue (0%)



Red (0%)

Yellow (11%)

Blue (4%)

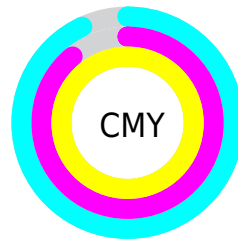


Cyan (30%)

Magenta (0%)

Yellow (96%)

Black (89%)



Cyan (93%)

Magenta (89%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 131B01 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 131B01 by changing the saturation by 10% instead.

■ 131B01

■ 131B01

■ F3FFE3

■ 000000

■ 3C4630

■ 545E47

■ 6C765E

■ 859077

■ 9FAB91

■ BAC6AB

■ D6E2C7

■ 131B01

■ 131B01

■ 131B00

■ 141B04

■ 151B06

■ 151B09

■ 161B0C

■ 171B0F

■ 181B11

■ 191B14

■ 1A1B17

■ 1A1B19

Harmonies

Analogous

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



1E1800



131B01



021D0F

Triad

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



131B01



001B2A



2A1017

Complementary

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



131B01



09011B

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.



261120



131B01



0B192C

Square

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



131B01



001D23



1C1528



2A110A

Rectangle

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



131B01



001E16



1C1528



29101A

Sweetspot

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



131B01



212419



1B0901



10120C



919191



121212

Same Dimension

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



131B01



192400



061B01



0C0D0B



354D00



8DCC00

Inverse Universe

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



09011B



0B0024



16011B



0C0B0D



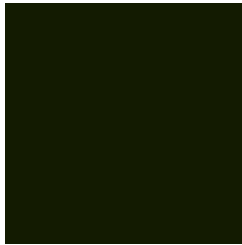
18004D



3F00CC

Previews

White Background



This preview shows how the Hex color 131B01 looks on a white background.

Color Contrast Check

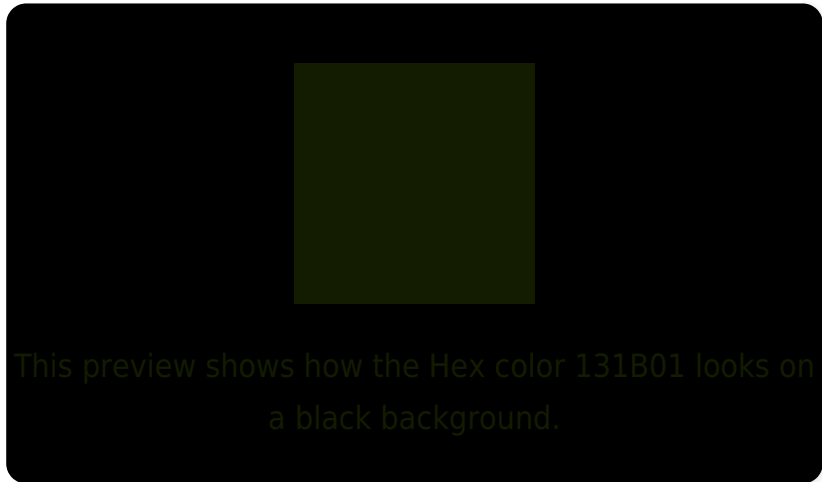
Large Text (above 18pt) WCAG AA ✓ Pass

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

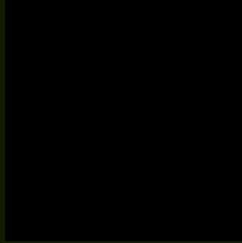
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

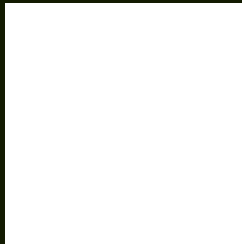
Any Text WCAG AAA × Fail

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

Hex 131B01 Background



This preview shows how black text looks on a background with the Hex color 131B01.

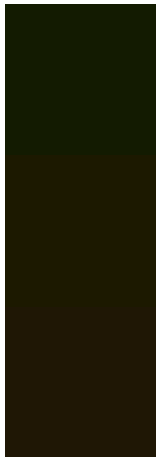


This preview shows how white text looks on a background with the Hex color 131B01.

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
131B01

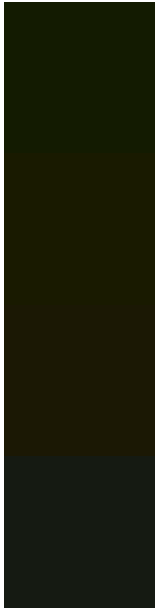
Protanopia
1C1900

Deuteranopia
1F1705



Tritanopia
16191B

Trichromacy



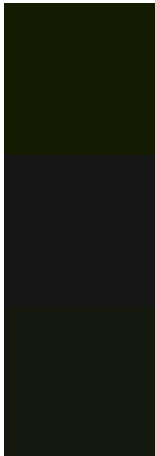
Original Color
131B01

Protanomaly
191A00

Deuteranomaly
1B1804

Tritanomaly
151A12

Monochromacy



Original Color
131B01

Achromatopsia
161616

Achromatomaly
15180E

CSS Examples

Text

The CSS property to change the color of the text to Hex 131B01 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 #131B01 looks like.

```
.text, #text, p{  
    color:#131B01  
}
```

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 #131B01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #131B01
}
```

Border

The CSS property to change the border of an element to Hex 131B01 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
#131B01 }
```

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

```
.border{ border-color:#131B01 }
```

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

Here you see how a box with a 4 pixel #131B01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #131B01; -webkit-box-shadow:4px 4px  
4px 4px #131B01; box-shadow:4px 4px 4px  
4px #131B01 }
```

Background

The CSS property to change the background color of an element to Hex 131B01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#131B01 }
```

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

```
.background{ background-color:#131B01 }
```

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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