

Converting Colors

Hex(151B06)

Have a look what the booklet for
Hex(151B06) contains.

Hex(151B06)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(151B06)

Conversions

Conversions Part 1

Format	Color
Hex	151B06
RGB	21, 27, 6
RGB Percent	8%, 11%, 2%
CMY	0.9176, 0.8941, 0.9765
CMYK	0.22, 0.00, 0.78, 0.89
HSL	77°, 64%, 6%
HSV	77°, 78%, 11%
XYZ	0.7341, 0.9564, 0.3182
YIQ	22.8120, 3.1650, -7.8030

Conversions

Conversions Part 2

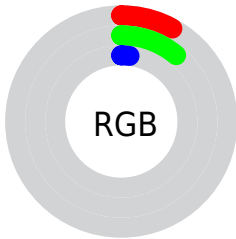
Format	Color
RYB	6, 27, 12
Decimal	1383174
CIELab	8.62, -7.10, 10.32
CIELCh	9, 12.522, 124.533
Yxy	0.9564, 0.3654, 0.4761
Android (android.graphics.Color)	4279573254 (0xFF151B06)
YUV	22.8120, -8.2883, -1.5891
Hunter-Lab	9.7798, -3.7166, 4.9167

Details

The Hex color **151B06** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0C061B**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **3F4633**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **141B03**, and if you desaturate by 10%, it is **161B09**.

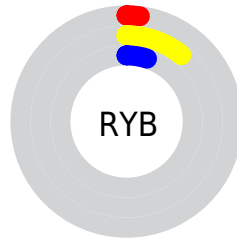
Distribution



Red (8%)

Green (11%)

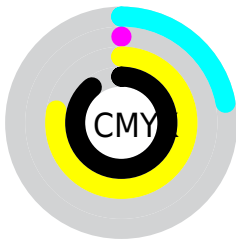
Blue (2%)



Red (2%)

Yellow (11%)

Blue (5%)

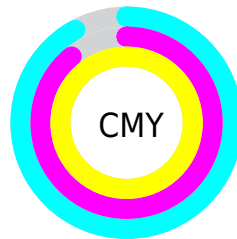


Cyan (22%)

Magenta (0%)

Yellow (78%)

Black (89%)



Cyan (92%)

Magenta (89%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 151B06 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 151B06 by changing the saturation by 10% instead.

■ 151B06

■ 151B06

■ F5FFE7

■ 000000

■ 3F4633

■ 565E4A

■ 6E7662

■ 88907B

■ A2AB95

■ BDC6AF

■ D9E2CB

■ 151B06

■ 151B06

■ 141B03

■ 161B09

■ 131B01

■ 171B0B

■ 131B00

■ 171B0E

■ 181B11

■ 191B13

■ 1A1B16

■ 1A1B19

■ 1B1B1C

■ 1C1B1E

Harmonies

Analogous

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



1E1901



151B06



081D11

Triad

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



151B06



001C28



281218

Complementary

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



151B06



0C061B

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.



241320



151B06



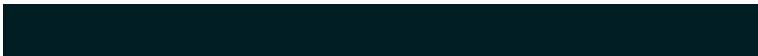
0E1929

Square

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



151B06



001D22



1B1626



28130E

Rectangle

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



151B06



001D17



1B1626



28121B

Sweetspot

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



151B06



21241B



1B0C06



10120D



919191



121212

Same Dimension

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



151B06



1A2402



0B1B06



0C0D0B



374D00



92CC00

Inverse Universe

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



0C061B



0C0224



16061B



0C0B0D



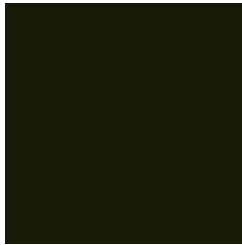
16004D



3A00CC

Previews

White Background



This preview shows how the Hex color 151B06 looks on a white background.

Color Contrast Check

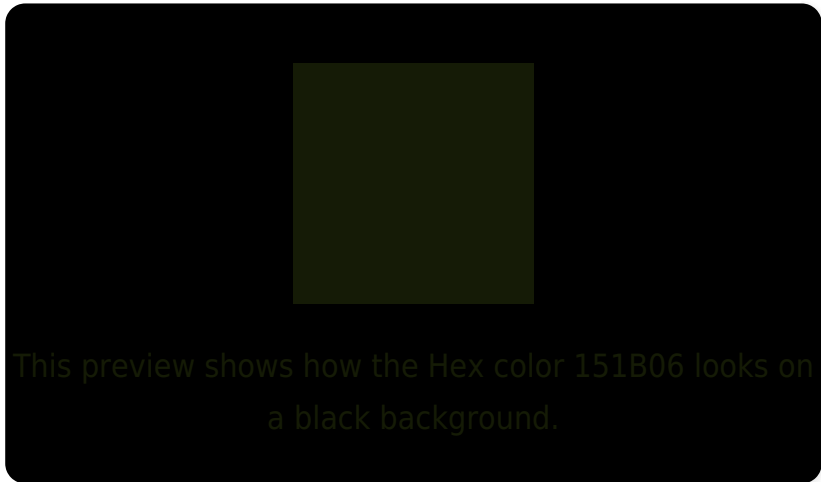
Large Text (above 18pt) WCAG AA ✓ Pass

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

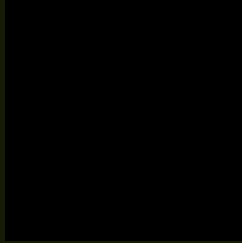
Any Text WCAG AA × Fail

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 151B06 Background



This preview shows how black text looks on a background with the Hex color 151B06.

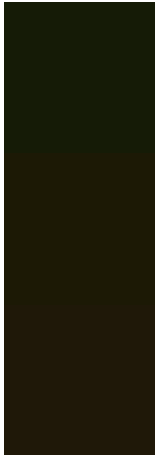


This preview shows how white text looks on a background with the Hex color 151B06.

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
151B06

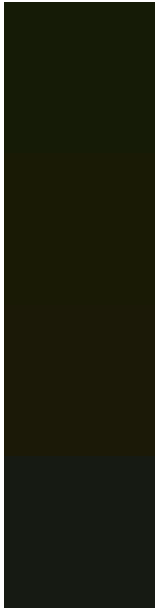
Protanopia
1C1905

Deuteranopia
1F1808



Tritanopia
17191B

Trichromacy



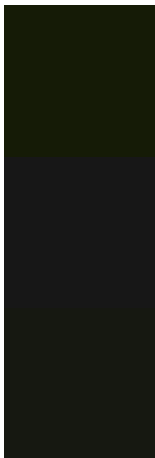
Original Color
151B06

Protanomaly
191A05

Deuteranomaly
1B1907

Tritanomaly
161A13

Monochromacy



Original Color
151B06

Achromatopsia
171717

Achromatomaly
161811

CSS Examples

Text

The CSS property to change the color of the text to Hex 151B06 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 #151B06 looks like.

```
.text, #text, p{  
    color:#151B06  
}
```

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 #151B06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #151B06
}
```

Border

The CSS property to change the border of an element to Hex 151B06 is called "border". The border property can be set on classes, ids or directly on the HTML element.

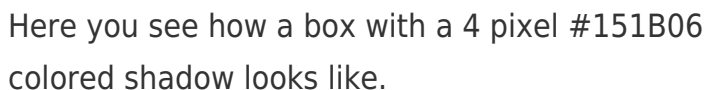
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#151B06 }
```

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

```
.border{ border-color:#151B06 }
```

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



Here you see how a box with a 4 pixel #151B06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #151B06; -webkit-box-shadow:4px 4px  
4px 4px #151B06; box-shadow:4px 4px 4px  
4px #151B06 }
```

Background

The CSS property to change the background color of an element to Hex 151B06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#151B06 }
```

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

```
.background{ background-color:#151B06 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor