

# Converting Colors

Hex(151B0F)

Have a look what the booklet for  
Hex(151B0F) contains.

<b>Hex(151B0F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(151B0F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	151B0F
RGB	21, 27, 15
RGB Percent	8%, 11%, 6%
CMY	0.9176, 0.8941, 0.9412
CMYK	0.22, 0.00, 0.44, 0.89
HSL	90°, 29%, 8%
HSV	90°, 44%, 11%
XYZ	0.7874, 0.9778, 0.5992
YIQ	23.8380, 0.2760, -5.0040

# Conversions

## Conversions Part 2

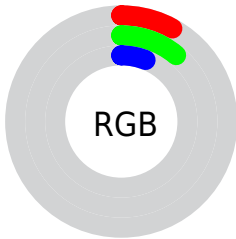
Format	Color
<a href="#">RYB</a>	<a href="#">15, 27, 21</a>
Decimal	<a href="#">1383183</a>
CIELab	<a href="#">8.80, -5.70, 6.61</a>
CIELCh	<a href="#">9, 8.727, 130.753</a>
Yxy	<a href="#">0.9778, 0.3330, 0.4136</a>
Android (android.graphics.Color)	<a href="#">4279573263 (0xFF151B0F)</a>
YUV	<a href="#">23.8380, -4.3571, -2.4889</a>
Hunter-Lab	<a href="#">9.8883, -3.0904, 3.3292</a>

# Details

The Hex color **151B0F** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **150F1B**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **3F463A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **141B0C**, and if you desaturate by 10%, it is **161B12**.

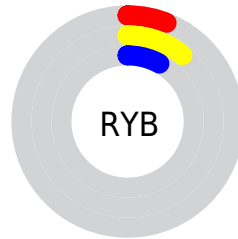
# Distribution



Red (8%)

Green (11%)

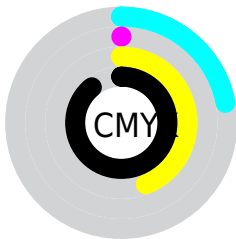
Blue (6%)



Red (6%)

Yellow (11%)

Blue (8%)

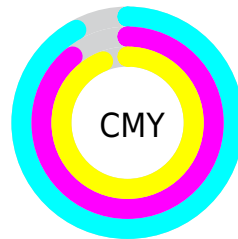


Cyan (22%)

Magenta (0%)

Yellow (44%)

Black (89%)



Cyan (92%)

Magenta (89%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 151B0F 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 151B0F by changing the saturation by 10% instead.



■ 151B0F

■ 151B0F

■ F6FFEF

■ 000000

■ 3F463A

■ 565E51

■ 6F7669

■ 889082

■ A2AB9C

■ BDC6B7

■ D9E2D2

■ 151B0F

■ 151B0F

■ 141B0C

■ 161B12

■ 121B0A

■ 181B14

■ 111B07

■ 191B17

■ 101B04

■ 1A1B1A

■ 0E1B02

■ 1C1B1D

■ 0E1B00

■ 1D1B1F

■ 1E1B22

■ 201B25

■ 211B27

# Harmonies

## Analogous

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



1C190B



151B0F



0D1C15

# Triad

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



151B0F



0C1B24



251517

# Complementary

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



151B0F



150F1B

# 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.



22151D



151B0F



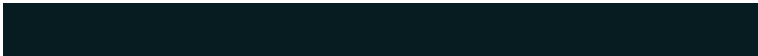
151924

# Square

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



151B0F



071C20



1D1722



241611

# Rectangle

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



151B0F



091C19



1D1722



241519



# Sweetspot

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



151B0F



21241F



1B150F



10120F



919191



121212



# Same Dimension

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



151B0F



1A2411



0F1B0F



0C0D0B



264D00



66CC00



# Inverse Universe

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



150F1B



1A1124



1B0F1B



0C0B0D



26004D

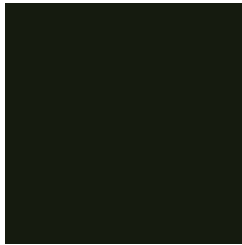


6600CC



# Previews

## White Background



This preview shows how the Hex color 151B0F looks on a white background.

## Color Contrast Check

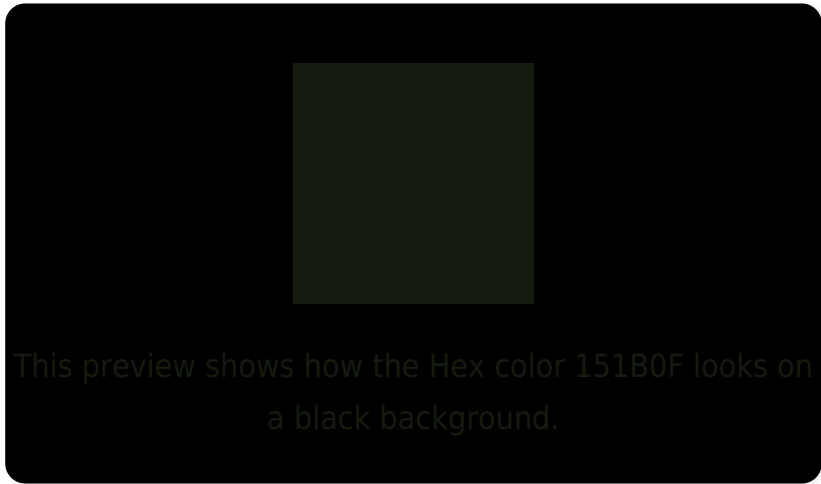
Large Text (above 18pt) WCAG AA ✓ Pass

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 151B0F Background



This preview shows how black text looks on a background with the Hex color 151B0F.

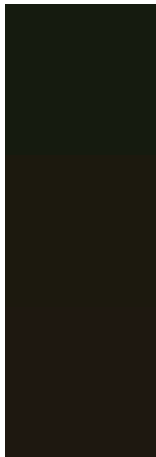


This preview shows how white text looks on a background with the Hex color 151B0F.

# 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**  
151B0F

**Protanopia**  
1C190E

**Deuteranopia**  
1E1810



# Trichromacy



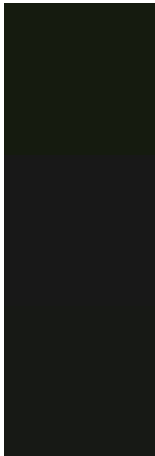
**Original Color**  
151B0F

**Protanomaly**  
191A0E

**Deuteranomaly**  
1B1910

**Tritanomaly**  
161A17

# Monochromacy



**Original Color**  
151B0F

**Achromatopsia**  
181818

**Achromatomaly**  
171915

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 151B0F 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 #151B0F looks like.

```
.text, #text, p{  
    color:#151B0F  
}
```

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 #151B0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #151B0F
}
```

## Border

The CSS property to change the border of an element to Hex 151B0F is called "border". The border property can be set on classes, ids or directly on the HTML element.

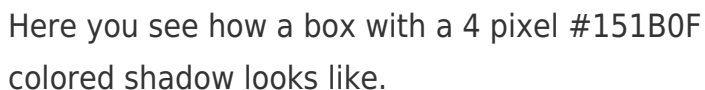
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#151B0F }
```

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

```
.border{ border-color:#151B0F }
```

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



Here you see how a box with a 4 pixel #151B0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #151B0F; -webkit-box-shadow:4px 4px  
4px 4px #151B0F; box-shadow:4px 4px 4px  
4px #151B0F }
```

# Background

The CSS property to change the background color of an element to Hex 151B0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#151B0F }
```

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

```
.background{ background-color:#151B0F }
```

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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