

Converting Colors

Hex(153B0B)

Have a look what the booklet for
Hex(153B0B) contains.

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Color

Hex(153B0B)

Conversions

Conversions Part 1

Format	Color
Hex	153B0B
RGB	21, 59, 11
RGB Percent	8%, 23%, 4%
CMY	0.9176, 0.7686, 0.9569
CMYK	0.64, 0.00, 0.81, 0.77
HSL	108°, 69%, 14%
HSV	108°, 81%, 23%
XYZ	1.9336, 3.3115, 0.8539
YIQ	42.1660, -7.2400, -22.9840

Conversions

Conversions Part 2

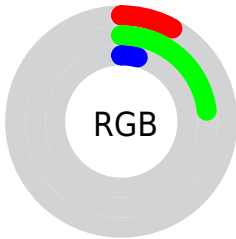
Format	Color
RYB	11, 59, 49
Decimal	1391371
CIELab	21.25, -24.07, 24.43
CIElCh	21, 34.292, 134.578
Yxy	3.3115, 0.3170, 0.5430
Android (android.graphics.Color)	4279581451 (0xFF153B0B)
YUV	42.1660, -15.3648, -18.5626
Hunter-Lab	18.1976, -12.8788, 9.9563

Details

The Hex color **153B0B** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **310B3B**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **456B38**, and **000900** is the 20% darker color. If you saturate the color by 10%, you get **103B05**, and if you desaturate by 10%, it is **1A3B11**.

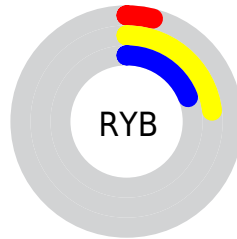
Distribution



Red (8%)

Green (23%)

Blue (4%)



Red (4%)

Yellow (23%)

Blue (19%)

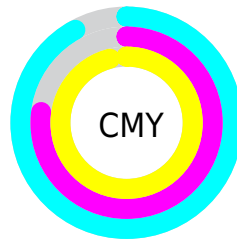


Cyan (64%)

Magenta (0%)

Yellow (81%)

Black (77%)



Cyan (92%)


Magenta (77%)


Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 153B0B 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 153B0B by changing the saturation by 10% instead.

 153B0B

 153B0B

 FFFFEE

 002500

 456B38

 000900

 5E844F

 000000


 779E68


 91BA81

 ACD59B

 C8F2B6

 E4FFD2

 153B0B

 153B0B

■ 103B05

■ 1A3B11

■ 0C3B00

■ 1E3B17

■ 233B1D

■ 283B23

■ 2C3B29

■ 313B2E

■ 363B34

■ 3A3B3A

■ 3F3B40

Harmonies

Analogous

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



343600



153B0B



003E25

Triad

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



153B0B



003A64



601928

Complementary

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



153B0B



310B3B

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.



5A1B41



153B0B



113264

Square

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



153B0B



003E56



432657



592210

Rectangle

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



153B0B



003F36



432657



5F1830

Sweetspot

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



153B0B



3E4D3A



3B310B



1D261B



A6A6A6



262626

Same Dimension

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



153B0B



114D02



0B3B19



1C1F1C



145E00



2EDE00

Inverse Universe

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



310B3B



3D024D



3B0B2D



1E1C1F



4B005E



B000DE

Previews

White Background



This preview shows how the Hex color 153B0B looks on a white background.

Color Contrast Check

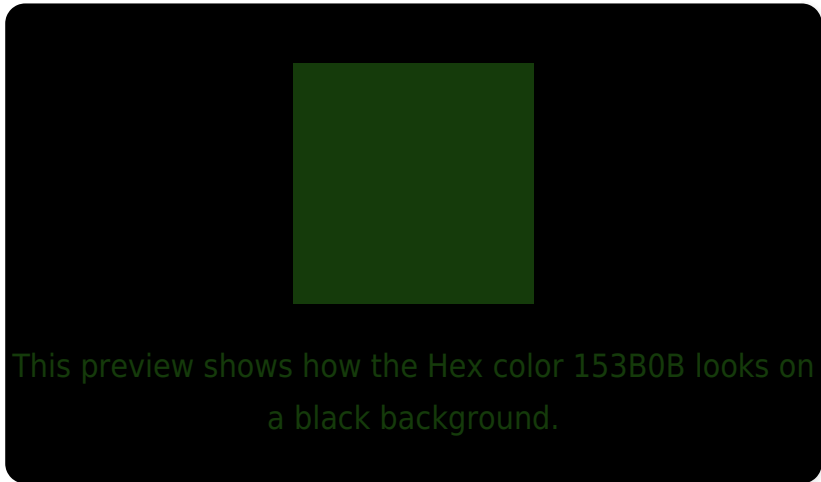
Large Text (above 18pt) WCAG AA ✓ Pass

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

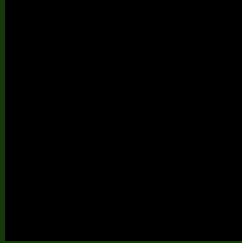
Any Text WCAG AA × Fail

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 153B0B Background



This preview shows how black text looks on a background with the Hex color 153B0B.



This preview shows how white text looks on a background with the Hex color 153B0B.

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
153B0B

Protanopia
3A3309

Deuteranopia
403110



Tritanopia
1F373B

Trichromacy



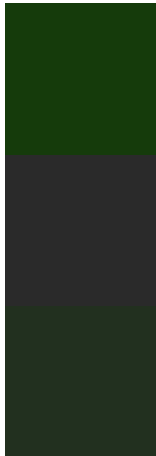
Original Color
153B0B

Protanomaly
2D360A

Deuteranomaly
30350E

Tritanomaly
1B382A

Monochromacy



Original Color
153B0B

Achromatopsia
2A2A2A

Achromatomaly
22301F

CSS Examples

Text

The CSS property to change the color of the text to Hex 153B0B 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 #153B0B looks like.

```
.text, #text, p{  
    color:#153B0B  
}
```

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 #153B0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #153B0B  
}
```

Border

The CSS property to change the border of an element to Hex 153B0B is called "border". The border property can be set on classes, ids or directly on the HTML element.

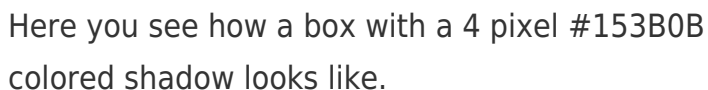
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#153B0B }
```

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

```
.border{ border-color:#153B0B }
```

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



Here you see how a box with a 4 pixel #153B0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #153B0B; -webkit-box-shadow:4px 4px  
4px 4px #153B0B; box-shadow:4px 4px 4px  
4px #153B0B }
```

Background

The CSS property to change the background color of an element to Hex 153B0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#153B0B }
```

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

```
.background{ background-color:#153B0B }
```

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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