

Converting Colors

Hex(103B0F)

Have a look what the booklet for
Hex(103B0F) contains.

Hex(103B0F)	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(103B0F)

Conversions

Conversions Part 1

Format	Color
Hex	103B0F
RGB	16, 59, 15
RGB Percent	6%, 23%, 6%
CMY	0.9373, 0.7686, 0.9412
CMYK	0.73, 0.00, 0.75, 0.77
HSL	119°, 59%, 15%
HSV	119°, 75%, 23%
XYZ	1.8639, 3.2726, 0.9854
YIQ	41.1270, -11.5040, -22.8000

Conversions

Conversions Part 2

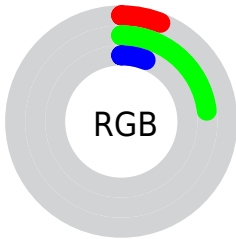
Format	Color
RYB	15, 59, 58
Decimal	1063695
CIELab	21.10, -25.10, 22.29
CIELCh	21, 33.570, 138.386
Yxy	3.2726, 0.3045, 0.5346
Android (android.graphics.Color)	4279253775 (0xFF103B0F)
YUV	41.1270, -12.8806, -22.0364
Hunter-Lab	18.0903, -13.2668, 9.4337

Details

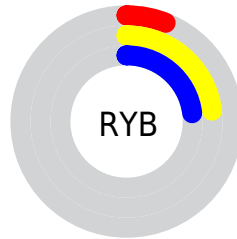
The Hex color **103B0F** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3A0F3B**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **416B3B**, and **000800** is the 20% darker color. If you saturate the color by 10%, you get **0A3B09**, and if you desaturate by 10%, it is **163B15**.

Distribution



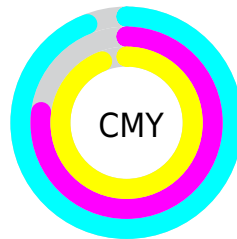
- Red (6%)
- Green (23%)
- Blue (6%)



- Red (6%)
- Yellow (23%)
- Blue (23%)



- Cyan (73%)
- Magenta (0%)
- Yellow (75%)
- Black (77%)



- Cyan (94%)
- Magenta (77%)
- Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 103B0F 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 103B0F by changing the saturation by 10% instead.

 103B0F

 103B0F

 FDFFF2

 002500

 416B3B

 000800

 5A8453

 000000

 739F6B

 8DBA85

 A8D59F

 C4F2BA

 E0FFD6

 103B0F

 103B0F

■ 0A3B09

■ 163B15

■ 043B03

■ 1C3B1B

■ 013B00

■ 213B21

■ 273B27

■ 2D3B2D

■ 333B32

■ 383B38

■ 3E3B3E

■ 443B44

Harmonies

Analogous

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



313600



103B0F



003D28

Triad

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



103B0F



003863



5F1A25

Complementary

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



103B0F



3A0F3B

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.



5A1A3D



103B0F



1D3062

Square

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



103B0F



003D57



472554



57230E

Rectangle

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



103B0F



003E39



472554



5F192D

Sweetspot

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



103B0F



3C4D3C



3B3A0F



1D261C



A6A6A6



262626

Same Dimension

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



103B0F



0A4D08



0F3B24



1C1F1C



025E00



05DE00

Inverse Universe

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



3A0F3B



4B084D



3B0F26



1F1C1F



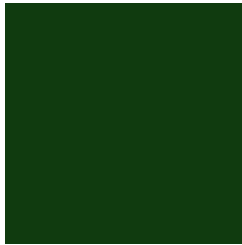
5C005E



D900DE

Previews

White Background



This preview shows how the Hex color 103B0F looks on a white background.

Color Contrast Check

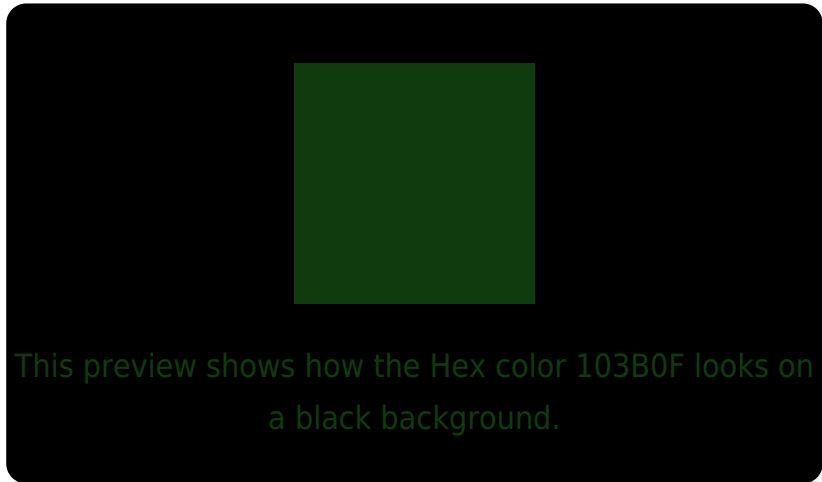
Large Text (above 18pt) WCAG AA ✓ Pass

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

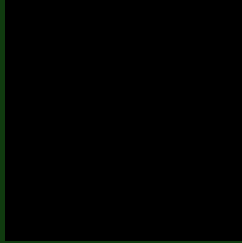
Any Text WCAG AA × Fail

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 103B0F Background



This preview shows how black text looks on a background with the Hex color 103B0F.



This preview shows how white text looks on a background with the Hex color 103B0F.

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
103B0F

Protanopia
39330D

Deuteranopia
3F3013



Tritanopia
1C373B

Trichromacy



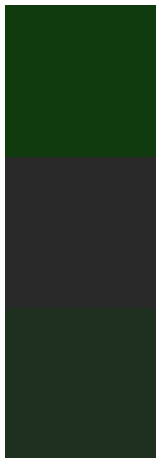
Original Color
103B0F

Protanomaly
2A360E

Deuteranomaly
2E3412

Tritanomaly
18382B

Monochromacy



Original Color
103B0F

Achromatopsia
292929

Achromatomaly
203020

CSS Examples

Text

The CSS property to change the color of the text to Hex 103B0F 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 #103B0F looks like.

```
.text, #text, p{  
    color:#103B0F  
}
```

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 #103B0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #103B0F
}
```

Border

The CSS property to change the border of an element to Hex 103B0F 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
#103B0F }
```

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

```
.border{ border-color:#103B0F }
```

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

Here you see how a box with a 4 pixel #103B0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #103B0F; -webkit-box-shadow:4px 4px  
4px 4px #103B0F; box-shadow:4px 4px 4px  
4px #103B0F }
```

Background

The CSS property to change the background color of an element to Hex 103B0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#103B0F }
```

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

```
.background{ background-color:#103B0F }
```

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