

Converting Colors

Hex(116B0B)

Have a look what the booklet for
Hex(116B0B) contains.

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Color

Hex(**116B0B**)

Conversions

Conversions Part 1

Format	Color
Hex	116B0B
RGB	17, 107, 11
RGB Percent	7%, 42%, 4%
CMY	0.9333, 0.5804, 0.9569
CMYK	0.84, 0.00, 0.90, 0.58
HSL	116°, 81%, 23%
HSV	116°, 90%, 42%
XYZ	5.5493, 10.6587, 2.0815
YIQ	69.1460, -22.8240, -48.9360

Conversions

Conversions Part 2

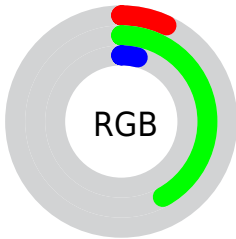
Format	Color
RYB	11, 107, 101
Decimal	1141515
CIELab	39.00, -43.10, 41.35
CIELCh	39, 59.726, 136.185
Yxy	10.6587, 0.3034, 0.5828
Android (android.graphics.Color)	4279331595 (0xFF116B0B)
YUV	69.1460, -28.6660, -45.7320
Hunter-Lab	32.6477, -26.7931, 19.0733

Details

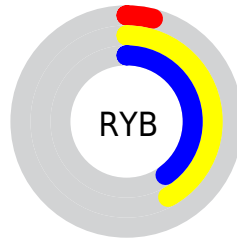
The Hex color **116B0B** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **650B6B**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **509F41**, and **003A00** is the 20% darker color. If you saturate the color by 10%, you get **076B00**, and if you desaturate by 10%, it is **1B6B16**.

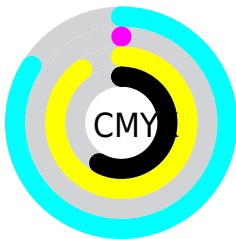
Distribution



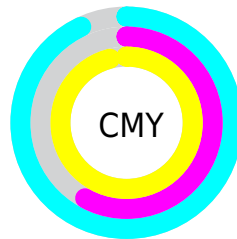
- Red (7%)
- Green (42%)
- Blue (4%)



- Red (4%)
- Yellow (42%)
- Blue (40%)



- Cyan (84%)
- Magenta (0%)
- Yellow (90%)
- Black (58%)





- Cyan (93%)
- Magenta (58%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 116B0B 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 116B0B by changing the saturation by 10% instead.

 116B0B

 116B0B

FFFFFFE

 005200

 509F41

 003A00

 6CBB5A

 002500

 87D773


 000000


 A3F48E

 C0FFA9

 DCFFC5

 FAFFE1

 116B0B

 116B0B

■ 076B00

■ 1B6B16

■ 256B20

■ 2F6B2B

■ 396B36

■ 436B41

■ 4D6B4B

■ 576B56

■ 616B61

■ 6B6B6B

Harmonies

Analogous

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



586200



116B0B



007043

Triad

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



116B0B



0068BB



B02044

Complementary

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



116B0B



650B6B

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.



A62474



116B0B



0059BA

Square

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



116B0B



006FA2



7D41A0



A13A15

Rectangle

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



116B0B



007165



7D41A0



AF1C54

Sweetspot

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



116B0B



698C66



6B650B



324731



C7C7C7



474747

Same Dimension

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



116B0B



098C00



0B6B35



313630



077500



0FF500

Inverse Universe

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



650B6B



83008C



6B0B41



353036



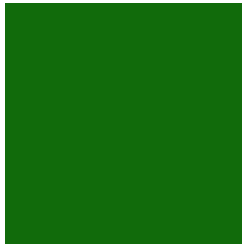
6E0075



E500F5

Previews

White Background



This preview shows how the Hex color 116B0B looks on a white background.

Color Contrast Check

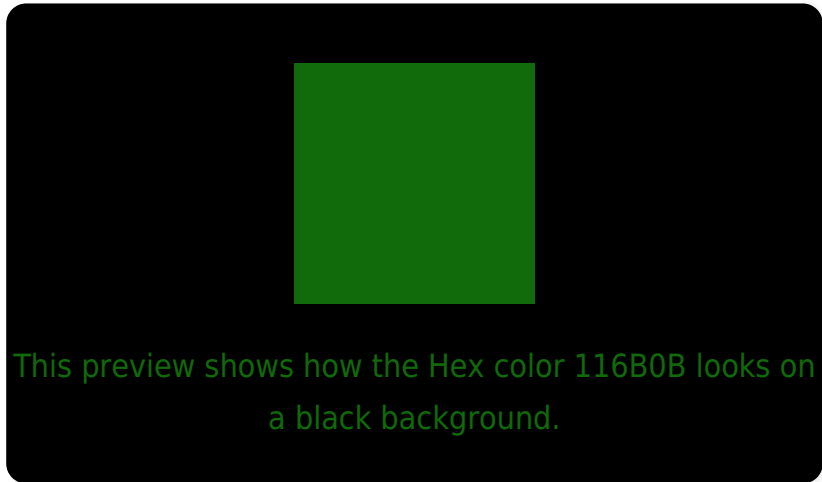
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

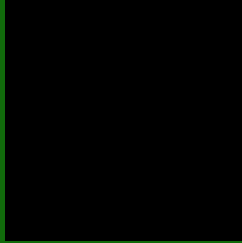
Any Text WCAG AA × Fail

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 116B0B Background



This preview shows how black text looks on a background with the Hex color 116B0B.



This preview shows how white text looks on a background with the Hex color 116B0B.

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
116B0B

Protanopia
675C03

Deuteranopia
735719



Tritanopia
2F646C

Trichromacy



Original Color
116B0B



Protanomaly
486106



Deuteranomaly
4F5E14



Tritanomaly
246749

Monochromacy



Original Color
116B0B



Achromatopsia
454545



Achromatomaly
325330

CSS Examples

Text

The CSS property to change the color of the text to Hex 116B0B 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 #116B0B looks like.

```
.text, #text, p{  
    color:#116B0B  
}
```

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 #116B0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #116B0B
}
```

Border

The CSS property to change the border of an element to Hex 116B0B 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
#116B0B }
```

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

```
.border{ border-color:#116B0B }
```

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

Here you see how a box with a 4 pixel #116B0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #116B0B; -webkit-box-shadow:4px 4px  
4px 4px #116B0B; box-shadow:4px 4px 4px  
4px #116B0B }
```

Background

The CSS property to change the background color of an element to Hex 116B0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#116B0B }
```

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

```
.background{ background-color:#116B0B }
```

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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