

Converting Colors

Hex(121B02)

Have a look what the booklet for
Hex(121B02) contains.

Hex(121B02)	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(121B02)

Conversions

Conversions Part 1

Format	Color
Hex	121B02
RGB	18, 27, 2
RGB Percent	7%, 11%, 1%
CMY	0.9294, 0.8941, 0.9922
CMYK	0.33, 0.00, 0.93, 0.89
HSL	82°, 86%, 6%
HSV	82°, 93%, 11%
XYZ	0.6523, 0.9168, 0.2000
YIQ	21.4590, 2.6610, -9.6830

Conversions

Conversions Part 2

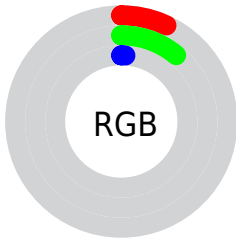
Format	Color
R_{YB}	2, 27, 11
Decimal	1186562
CIE Lab	8.28, -8.96, 11.41
CIE LCh	8, 14.510, 128.139
Yxy	0.9168, 0.3687, 0.5182
Android (android.graphics.Color)	4279376642 (0xFF121B02)
YUV	21.4590, -9.5933, -3.0335
Hunter-Lab	9.5752, -4.5957, 5.4641

Details

The Hex color **121B02** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0B021B**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **3B4631**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **111B00**, and if you desaturate by 10%, it is **131B05**.

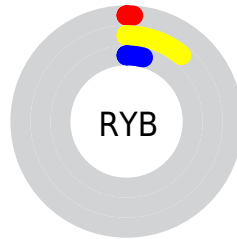
Distribution



Red (7%)

Green (11%)

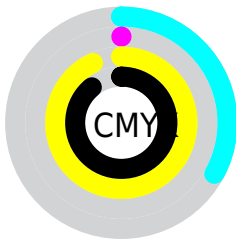
Blue (1%)



Red (1%)

Yellow (11%)

Blue (4%)

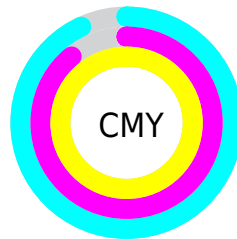


Cyan (33%)

Magenta (0%)

Yellow (93%)

Black (89%)



Cyan (93%)


Magenta (89%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 121B02 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 121B02 by changing the saturation by 10% instead.

 121B02

 121B02

 F1FFE4

 000000

 3B4631

 535E47

 6B765F

 849078

 9EAB92

 B9C6AC

 D5E2C8

 121B02

 121B02

■ 111B00

■ 131B05

■ 141B07

■ 151B0A

■ 161B0D

■ 171B10

■ 181B12

■ 191B15

■ 1A1B18

■ 1B1B1A

Harmonies

Analogous

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



1D1800



121B02



011D10

Triad

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



121B02



001B2A



2A1016

Complementary

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



121B02



0B021B

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.



26111F



121B02



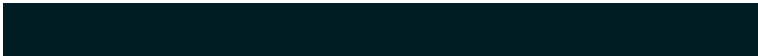
0C182B

Square

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



121B02



001D24



1C1527



291209

Rectangle

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



121B02



001D17



1C1527



291019

Sweetspot

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



121B02



20241A



1B0B02



10120C



919191



121212

Same Dimension

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



121B02



172400



061B02



0C0D0B



314D00



83CC00

Inverse Universe

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



0B021B



0D0024



17021B



0C0B0D



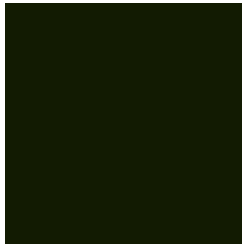
1C004D



4900CC

Previews

White Background



This preview shows how the Hex color 121B02 looks on a white background.

Color Contrast Check

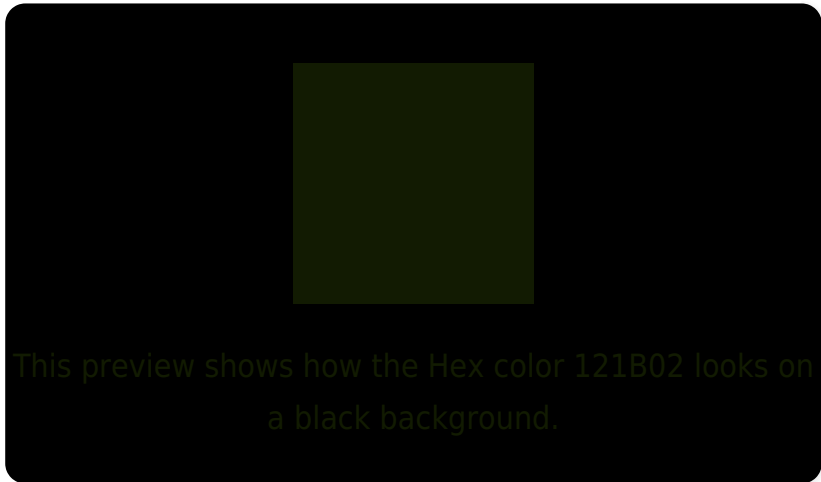
Large Text (above 18pt) WCAG AA ✓ Pass

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

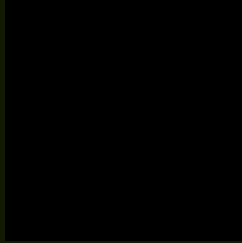
Any Text WCAG AA × Fail

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 121B02 Background



This preview shows how black text looks on a background with the Hex color 121B02.

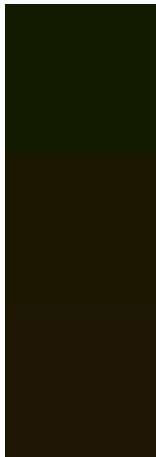


This preview shows how white text looks on a background with the Hex color 121B02.

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
121B02

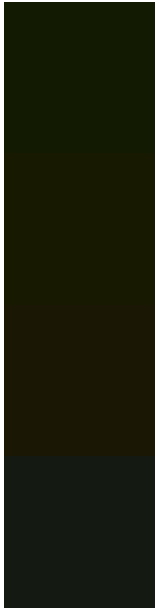
Protanopia
1B1800

Deuteranopia
1F1705



Tritanopia
15191B

Trichromacy



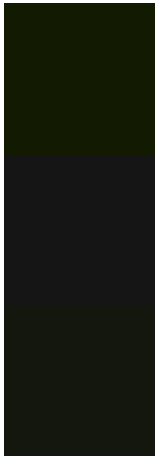
Original Color
121B02

Protanomaly
181901

Deuteranomaly
1A1804

Tritanomaly
141A12

Monochromacy



Original Color
121B02

Achromatopsia
151515

Achromatomaly
14170E

CSS Examples

Text

The CSS property to change the color of the text to Hex 121B02 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 #121B02 looks like.

```
.text, #text, p{  
    color:#121B02  
}
```

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 #121B02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #121B02
}
```

Border

The CSS property to change the border of an element to Hex 121B02 is called "border". The border property can be set on classes, ids or directly on the HTML element.

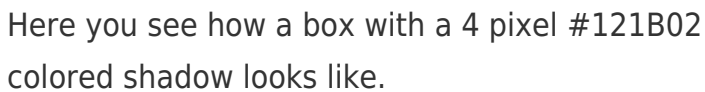
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#121B02 }
```

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

```
.border{ border-color:#121B02 }
```

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



Here you see how a box with a 4 pixel #121B02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #121B02; -webkit-box-shadow:4px 4px  
4px 4px #121B02; box-shadow:4px 4px 4px  
4px #121B02 }
```

Background

The CSS property to change the background color of an element to Hex 121B02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#121B02 }
```

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

```
.background{ background-color:#121B02 }
```

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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