

# Converting Colors

Hex(111B13)

Have a look what the booklet for  
Hex(111B13) contains.

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# Color

**Hex(111B13)**

# Conversions

Conversions Part 1	
Format	Color
Hex	111B13
RGB	17, 27, 19
RGB Percent	7%, 11%, 7%
CMY	0.9333, 0.8941, 0.9255
CMYK	0.37, 0.00, 0.30, 0.89
HSL	132°, 23%, 9%
HSV	132°, 37%, 11%
XYZ	0.7406, 0.9501, 0.7604
YIQ	23.0980, -3.3920, -4.6080

# Conversions

## Conversions Part 2

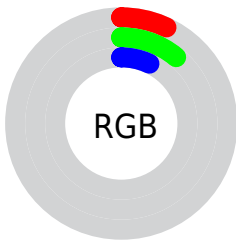
Format	Color
<a href="#">RYB</a>	<a href="#">17, 25, 27</a>
Decimal	<a href="#">1121043</a>
CIELab	<a href="#">8.57, -6.59, 3.90</a>
CIELCh	<a href="#">9, 7.658, 149.418</a>
Yxy	<a href="#">0.9501, 0.3022, 0.3876</a>
Android (android.graphics.Color)	<a href="#">4279311123</a> (0xFF111B13)
YUV	<a href="#">23.0980, -2.0203, -5.3479</a>
Hunter-Lab	<a href="#">9.7471, -3.4938, 2.1973</a>

# Details

The Hex color **111B13** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1B1119**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **3B463D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0E1B11**, and if you desaturate by 10%, it is **141B15**.

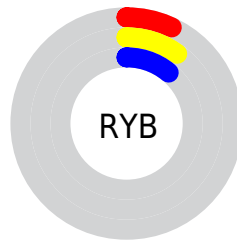
# Distribution



Red (7%)

Green (11%)

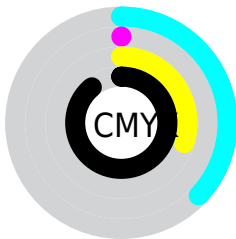
Blue (7%)



Red (7%)

Yellow (10%)

Blue (11%)

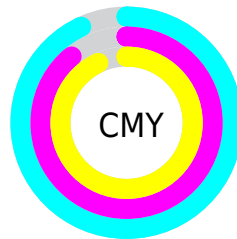


Cyan (37%)

Magenta (0%)

Yellow (30%)

Black (89%)



Cyan (93%)


Magenta (89%)


Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 111B13 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 111B13 by changing the saturation by 10% instead.

 111B13

 111B13

 F1FFF3

 000000

 3B463D

 525E54


 6A766D


 849086

 9EABA0

 B9C6BB

 D4E2D7

 111B13

 111B13

■ 0E1B11

■ 141B15

■ 0C1B0F

■ 161B17

■ 091B0D

■ 191B19

■ 061B0A

■ 1C1B1C

■ 041B08

■ 1E1B1E

■ 011B06

■ 211B20

■ 001B05

■ 241B22

■ 271B24

■ 291B26

# Harmonies

## Analogous

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



171A0E



111B13



0B1C18

# Triad

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



111B13



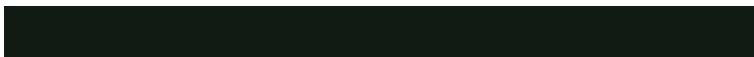
121923



231514

# Complementary

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



111B13



1B1119

# 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.



221519



111B13



191721

# Square

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



111B13



0C1B21



1F161E



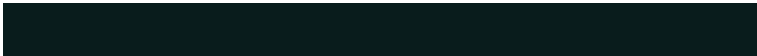
21170F

# Rectangle

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



111B13



091C1C



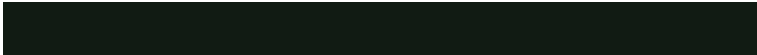
1F161E



231515

# Sweetspot

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



111B13



202421



191B11



101210



919191

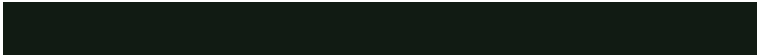


121212

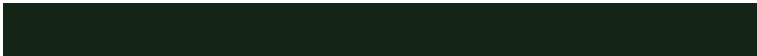


# Same Dimension

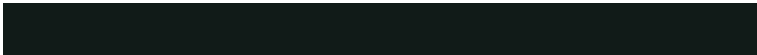
The Same Dimension uses a secret algorithm to generate beautiful new colors.



111B13



142417



111B18



0B0D0C



004D0F



00CC29



# Inverse Universe

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



1B1119



241421



1B1114



0D0B0C



4D003D

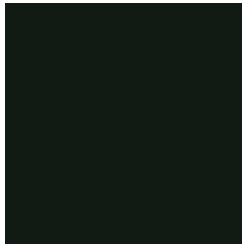


CC00A3



# Previews

## White Background



This preview shows how the Hex color 111B13 looks on a white background.

## Color Contrast Check

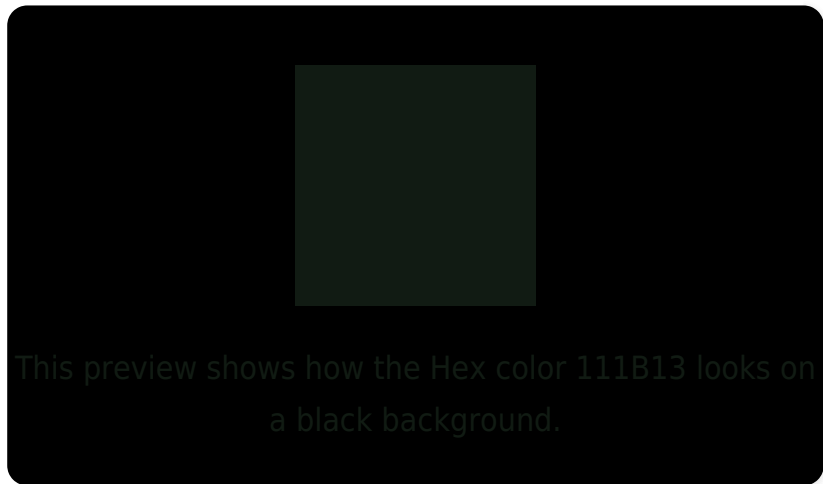
Large Text (above 18pt) WCAG AA ✓ Pass

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 111B13 Background



This preview shows how black text looks on a background with the Hex color 111B13.



This preview shows how white text looks on a background with the Hex color 111B13.

# 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**

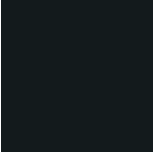
111B13

**Protanopia**

1B1912

**Deuteranopia**

1D1814



# Tritanopia

## 131A1C

# Trichromacy



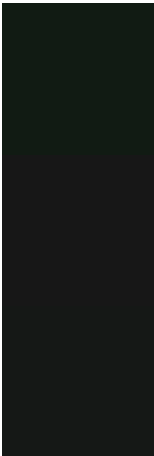
**Original Color**  
111B13

**Protanomaly**  
171A12

**Deuteranomaly**  
191914

**Tritanomaly**  
121A19

# Monochromacy



**Original Color**  
111B13

**Achromatopsia**  
171717

**Achromatomaly**  
151816

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 111B13 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 #111B13 looks like.

```
.text, #text, p{  
    color:#111B13  
}
```

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 #111B13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #111B13
}
```

## Border

The CSS property to change the border of an element to Hex 111B13 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
#111B13 }
```

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

```
.border{ border-color:#111B13 }
```

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

Here you see how a box with a 4 pixel #111B13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #111B13; -webkit-box-shadow:4px 4px  
4px 4px #111B13; box-shadow:4px 4px 4px  
4px #111B13 }
```

# Background

The CSS property to change the background color of an element to Hex 111B13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#111B13 }
```

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

```
.background{ background-color:#111B13 }
```

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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