

Converting Colors

Hex(112B13)

Have a look what the booklet for
Hex(112B13) contains.

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Color

Hex(112B13)

Conversions

Conversions Part 1

Format	Color
Hex	112B13
RGB	17, 43, 19
RGB Percent	7%, 17%, 7%
CMY	0.9333, 0.8314, 0.9255
CMYK	0.60, 0.00, 0.56, 0.83
HSL	125°, 43%, 12%
HSV	125°, 60%, 17%
XYZ	1.2126, 1.8939, 0.9178
YIQ	32.4900, -7.7920, -12.9760

Conversions

Conversions Part 2

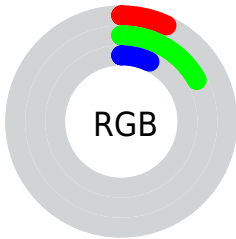
Format	Color
R_{YB}	17, 41, 43
Decimal	1125139
CIE _{Lab}	14.92, -16.45, 12.60
CIE _{LCh}	15, 20.717, 142.547
Yxy	1.8939, 0.3013, 0.4706
Android (android.graphics.Color)	4279315219 (0xFF112B13)
YUV	32.4900, -6.6506, -13.5847
Hunter-Lab	13.7621, -8.3558, 5.6796

Details

The Hex color **112B13** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2B1129**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **3D593E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0D2B0F**, and if you desaturate by 10%, it is **152B17**.

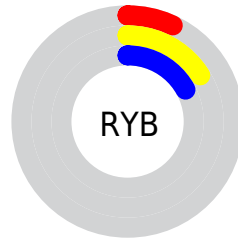
Distribution



Red (7%)

Green (17%)

Blue (7%)



Red (7%)

Yellow (16%)

Blue (17%)

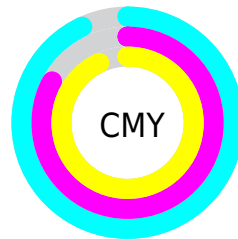


Cyan (60%)

Magenta (0%)

Yellow (56%)

Black (83%)



Cyan (93%)


Magenta (83%)


Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 112B13 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 112B13 by changing the saturation by 10% instead.

 112B13

 112B13

 F6FFF4

 001800

 3D593E

 000000

 557155


 6E8B6D


 87A587

 A2C1A1

 BDDCBC

 D9F9D8

 112B13

 112B13

■ 0D2B0F

■ 152B17

■ 082B0B

■ 1A2B1B

■ 042B07

■ 1E2B1F

■ 002B03

■ 222B23

■ 272B27

■ 2B2B2B

■ 2F2B2F

■ 332B33

■ 382B37

Harmonies

Analogous

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



232806



112B13



002C21

Triad

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



112B13



002842



40191B

Complementary

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



112B13



2B1129

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.



3E192A



112B13



202340

Square

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



112B13



002B3C



341D37



3B1E0E

Rectangle

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



112B13



002D2B



341D37



411920

Sweetspot

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



112B13



2E382F



292B11



161C16



9C9C9C



1C1C1C

Same Dimension

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



112B13



0F3812



112B20



121413



005406



00D410

Inverse Universe

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



2B1129



380F35



2B111C



141214



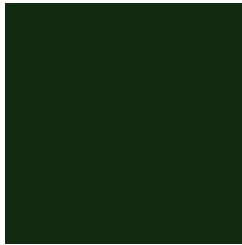
54004E



D400C3

Previews

White Background



This preview shows how the Hex color 112B13 looks on a white background.

Color Contrast Check

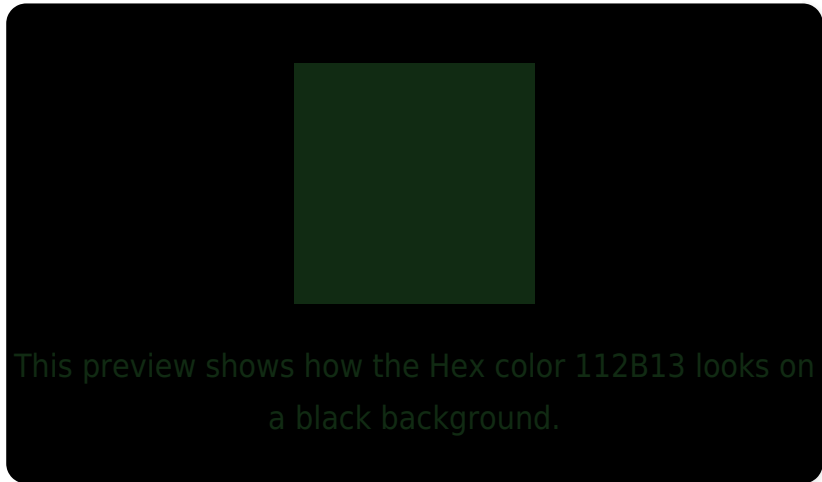
Large Text (above 18pt) WCAG AA ✓ Pass

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

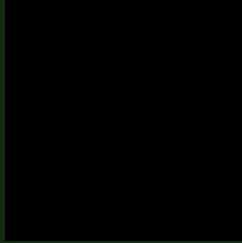
Any Text WCAG AA × Fail

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 112B13 Background



This preview shows how black text looks on a background with the Hex color 112B13.



This preview shows how white text looks on a background with the Hex color 112B13.

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
112B13

Protanopia
2A2611

Deuteranopia
2E2415



Tritanopia
17282C

Trichromacy



Original Color

112B13

Protanomaly

212812

Deuteranomaly

232714

Tritanomaly

152923

Monochromacy



Original Color

112B13

Achromatopsia

202020

Achromatomaly

1B241B

CSS Examples

Text

The CSS property to change the color of the text to Hex 112B13 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 #112B13 looks like.

```
.text, #text, p{  
    color:#112B13  
}
```

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 #112B13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #112B13
}
```

Border

The CSS property to change the border of an element to Hex 112B13 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".

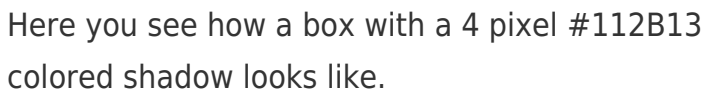
```
.border, #border, table{ border:4px solid
#112B13 }
```

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

```
.border{ border-color:#112B13 }
```

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

Here you see how a box with a 4 pixel #112B13 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #112B13; -webkit-box-shadow:4px 4px  
4px 4px #112B13; box-shadow:4px 4px 4px  
4px #112B13 }
```

Background

The CSS property to change the background color of an element to Hex 112B13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#112B13 }
```

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

```
.background{ background-color:#112B13 }
```

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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