

Converting Colors

Hex(113121)

Have a look what the booklet for
Hex(113121) contains.

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Color

Hex(113121)

Conversions

Conversions Part 1

Format	Color
Hex	113121
RGB	17, 49, 33
RGB Percent	7%, 19%, 13%
CMY	0.9333, 0.8078, 0.8706
CMYK	0.65, 0.00, 0.33, 0.81
HSL	150°, 48%, 13%
HSV	150°, 65%, 19%
XYZ	1.6040, 2.4256, 1.8225
YIQ	37.6080, -13.9360, -11.7600

Conversions

Conversions Part 2

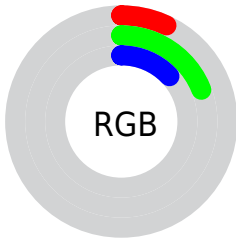
Format	Color
R_YB	17, 38, 49
Decimal	1126689
CIE Lab	17.58, -16.49, 6.73
CIE LCh	18, 17.808, 157.781
Yxy	2.4256, 0.2741, 0.4145
Android (android.graphics.Color)	4279316769 (0xFF113121)
YUV	37.6080, -2.2717, -18.0732
Hunter-Lab	15.5743, -8.8715, 3.9640

Details

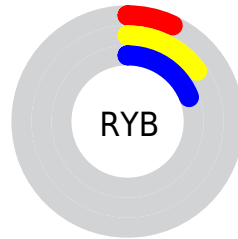
The Hex color **113121** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **311121**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **3F604D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0C311F**, and if you desaturate by 10%, it is **163123**.

Distribution



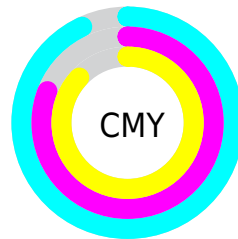
- Red (7%)
- Green (19%)
- Blue (13%)



- Red (7%)
- Yellow (15%)
- Blue (19%)



- Cyan (65%)
- Magenta (0%)
- Yellow (33%)
- Black (81%)





- Cyan (93%)
- Magenta (81%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 113121 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 113121 by changing the saturation by 10% instead.

 113121

 113121

 F7FFFF

 001D0A

 3F604D

 000000

 567865


 6F927E

 89AD98

 A4C8B3

 BFE4CE

 DBFFEA

 113121

 113121

■ 0C311F

■ 163123

■ 07311C

■ 1B3126

■ 02311A

■ 203128

■ 003119

■ 25312B

■ 2A312D

■ 2E3130

■ 333132

■ 383135

■ 3D3137

Harmonies

Analogous

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



222F16



113121



00322E

Triad

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



113121



1D2B44



42231C

Complementary

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



113121



311121

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.



432128



113121



31263F

Square

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



113121



002F43



3E2235



3B2713

Rectangle

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



113121



003237



3E2235



432220

Sweetspot

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



113121



334039



213111



19211D



A1A1A1



212121

Same Dimension

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



113121



0E4027



113131



171A18



00592D



00D96C

Inverse Universe

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



311121



400E27



311111



1A1718



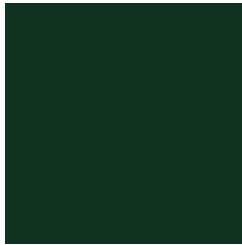
59002D



D9006C

Previews

White Background



This preview shows how the Hex color 113121 looks on a white background.

Color Contrast Check

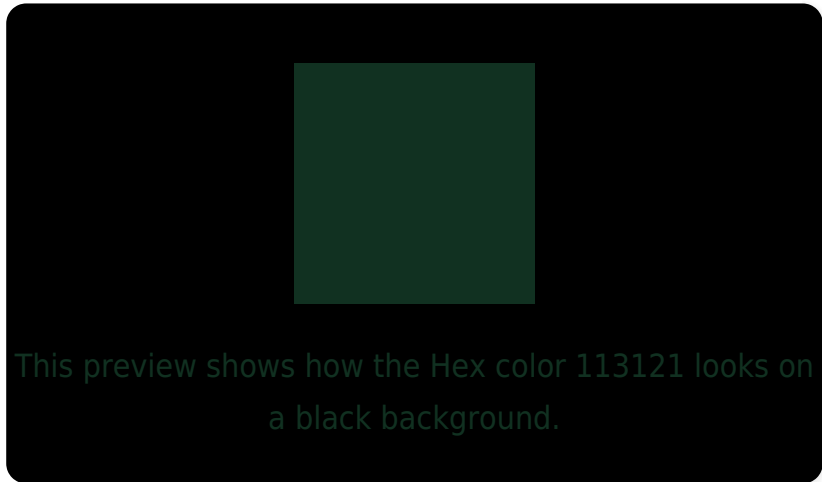
Large Text (above 18pt) WCAG AA ✓ Pass

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

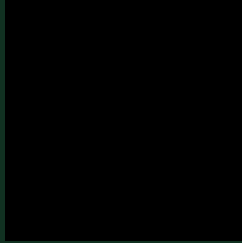
Any Text WCAG AA × Fail

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 113121 Background



This preview shows how black text looks on a background with the Hex color 113121.



This preview shows how white text looks on a background with the Hex color 113121.

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
113121

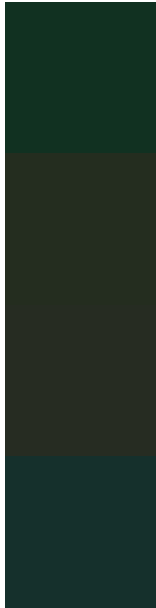
Protanopia
2F2B1E

Deuteranopia
322923



Tritanopia
172F33

Trichromacy



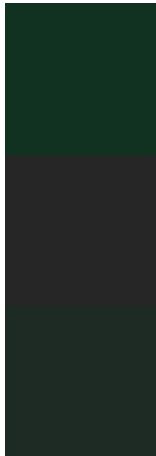
Original Color
113121

Protanomaly
242D1F

Deuteranomaly
262C22

Tritanomaly
15302C

Monochromacy



Original Color
113121

Achromatopsia
262626

Achromatomaly
1E2A24

CSS Examples

Text

The CSS property to change the color of the text to Hex 113121 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 #113121 looks like.

```
.text, #text, p{  
    color:#113121  
}
```

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 #113121 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #113121
}
```

Border

The CSS property to change the border of an element to Hex 113121 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
#113121 }
```

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

```
.border{ border-color:#113121 }
```

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

Here you see how a box with a 4 pixel #113121 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #113121; -webkit-box-shadow:4px 4px  
4px 4px #113121; box-shadow:4px 4px 4px  
4px #113121 }
```

Background

The CSS property to change the background color of an element to Hex 113121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#113121 }
```

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

```
.background{ background-color:#113121 }
```

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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