

Converting Colors

Hex(113A26)

Have a look what the booklet for
Hex(113A26) contains.

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Color

Hex(113A26)

Conversions

Conversions Part 1

Format	Color
Hex	113A26
RGB	17, 58, 38
RGB Percent	7%, 23%, 15%
CMY	0.9333, 0.7725, 0.8510
CMYK	0.71, 0.00, 0.34, 0.77
HSL	151°, 55%, 15%
HSV	151°, 71%, 23%
XYZ	2.0941, 3.2852, 2.3575
YIQ	43.4610, -18.0160, -14.9120

Conversions

Conversions Part 2

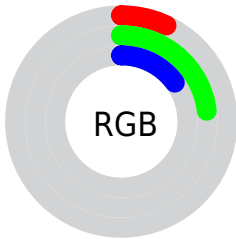
Format	Color
R_{YB}	17, 44, 58
Decimal	1128998
CIE Lab	21.15, -19.97, 8.31
CIE LCh	21, 21.628, 157.400
Yxy	3.2852, 0.2707, 0.4246
Android (android.graphics.Color)	4279319078 (0xFF113A26)
YUV	43.4610, -2.6923, -23.2063
Hunter-Lab	18.1252, -11.0963, 4.9760

Details

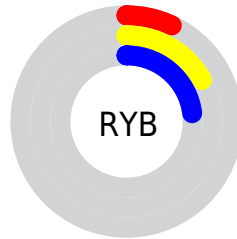
The Hex color **113A26** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3A1125**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **416A53**, and **000800** is the 20% darker color. If you saturate the color by 10%, you get **0B3A23**, and if you desaturate by 10%, it is **173A29**.

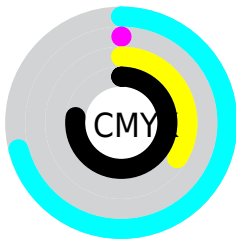
Distribution



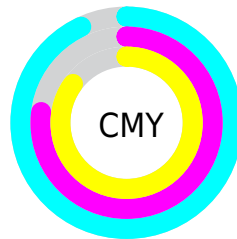
- Red (7%)
- Green (23%)
- Blue (15%)



- Red (7%)
- Yellow (17%)
- Blue (23%)



- Cyan (71%)
- Magenta (0%)
- Yellow (34%)
- Black (77%)





- Cyan (93%)
- Magenta (77%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 113A26 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 113A26 by changing the saturation by 10% instead.

 113A26

 113A26

 FBFFF

 002412

 416A53

 000800

 59836B

 000000


 729D84


 8CB89E

 A7D4B9

 C2F0D5

 DFFFF1

 113A26

 113A26

■ 0B3A23

■ 173A29

■ 053A20

■ 1D3A2C

■ 003A1E

■ 223A2E

■ 283A31

■ 2E3A34

■ 343A37

■ 3A3A3A

■ 3F3A3D

■ 453A3F

Harmonies

Analogous

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



283719



113A26



003B36

Triad

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



113A26



1F3352



4F2820

Complementary

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



113A26



3A1125

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.



51252F



113A26



392D4C

Square

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



113A26



003850



4A273F



462E15

Rectangle

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



113A26



003B41



4A273F



502725

Sweetspot

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



113A26



3C4D45



263A11



1D2622



A6A6A6



262626

Same Dimension

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



113A26



0B4D2D



113A3A



191C1B



005C2F



00DB70

Inverse Universe

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



3A1125



4D0B2B



3A1111



1C191B



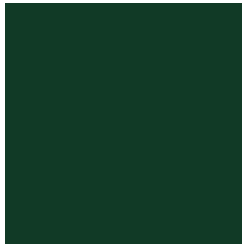
5C002D



DB006B

Previews

White Background



This preview shows how the Hex color 113A26 looks on a white background.

Color Contrast Check

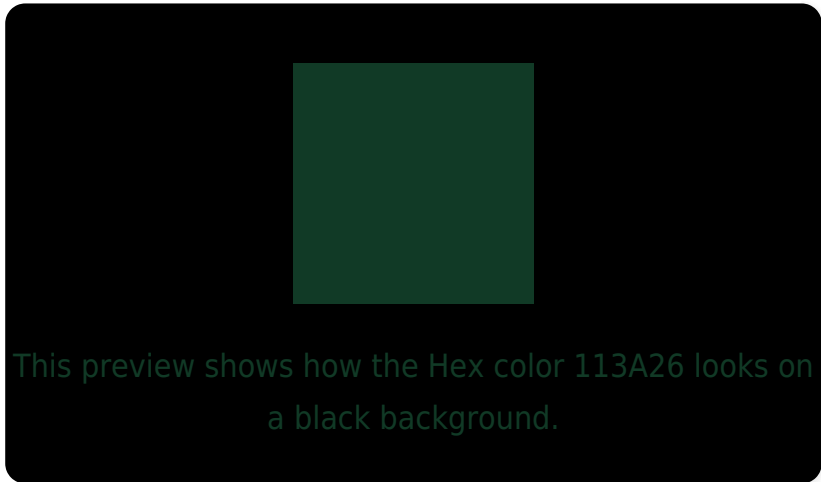
Large Text (above 18pt) WCAG AA ✓ Pass

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

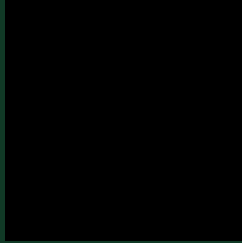
Any Text WCAG AA × Fail

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 113A26 Background



This preview shows how black text looks on a background with the Hex color 113A26.



This preview shows how white text looks on a background with the Hex color 113A26.

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
113A26

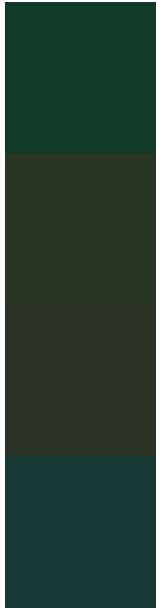
Protanopia
373323

Deuteranopia
3B3128



Tritanopia
1A373C

Trichromacy



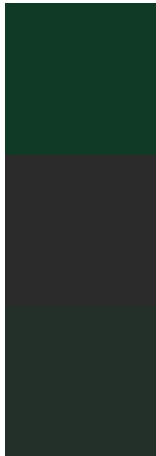
Original Color
113A26

Protanomaly
293624

Deuteranomaly
2C3427

Tritanomaly
173834

Monochromacy



Original Color
113A26

Achromatopsia
2B2B2B

Achromatomaly
223029

CSS Examples

Text

The CSS property to change the color of the text to Hex 113A26 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 #113A26 looks like.

```
.text, #text, p{  
    color:#113A26  
}
```

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 #113A26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #113A26
}
```

Border

The CSS property to change the border of an element to Hex 113A26 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
#113A26 }
```

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

```
.border{ border-color:#113A26 }
```

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

Here you see how a box with a 4 pixel #113A26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #113A26; -webkit-box-shadow:4px 4px  
4px 4px #113A26; box-shadow:4px 4px 4px  
4px #113A26 }
```

Background

The CSS property to change the background color of an element to Hex 113A26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#113A26 }
```

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

```
.background{ background-color:#113A26 }
```

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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