

Converting Colors

Hex(113A6E)

Have a look what the booklet for
Hex(113A6E) contains.

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Color

Hex(113A6E)

Conversions

Conversions Part 1

Format	Color
Hex	113A6E
RGB	17, 58, 110
RGB Percent	7%, 23%, 43%
CMY	0.9333, 0.7725, 0.5686
CMYK	0.85, 0.47, 0.00, 0.57
HSL	214°, 73%, 25%
HSV	214°, 85%, 43%
XYZ	4.5587, 4.2711, 15.3360
YIQ	51.6690, -41.1280, 7.4800

Conversions

Conversions Part 2

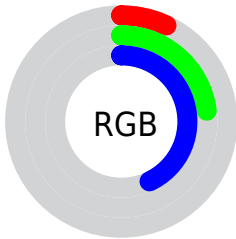
Format	Color
RYB	17, 45, 110
Decimal	1129070
CIELab	24.55, 6.89, -34.15
CIELCh	25, 34.837, 281.405
Yxy	4.2711, 0.1886, 0.1767
Android (android.graphics.Color)	4279319150 (0xFF113A6E)
YUV	51.6690, 28.7572, -30.4047
Hunter-Lab	20.6666, 3.2076, -29.5306

Details

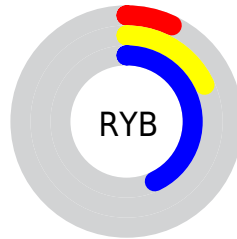
The Hex color **113A6E** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6E4511**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **4D69A2**, and **00103E** is the 20% darker color. If you saturate the color by 10%, you get **06346E**, and if you desaturate by 10%, it is **1C406E**.

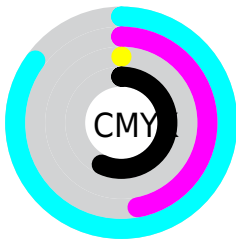
Distribution



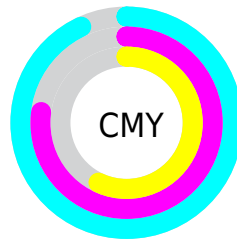
- Red (7%)
- Green (23%)
- Blue (43%)



- Red (7%)
- Yellow (18%)
- Blue (43%)



- Cyan (85%)
- Magenta (47%)
- Yellow (0%)
- Black (57%)



- Cyan (93%)
- Magenta (77%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 113A6E 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 113A6E by changing the saturation by 10% instead.



113A6E



113A6E

FFFFFF



002555



4D69A2



00103E



6882BD



000327



839CD9



000111



9FB6F6



000000



BBD2FF



D7EEFF



F5FFFF



113A6E



113A6E

■ 06346E

■ 1C406E

■ 00306E

■ 27466E

■ 324C6E

■ 3D536E

■ 48596E

■ 535F6E

■ 5E656E

■ 696B6E

■ 74716E

Harmonies

Analogous

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



00426C



113A6E



482F62

Triad

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



113A6E



642819



004529

Complementary

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



113A6E



6E4511

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.



20420F



113A6E



543303

Square

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



113A6E



692031



3E3C00



004744

Rectangle

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



113A6E



5B2754



3E3C00



004520

Sweetspot

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



113A6E



6B7B8F



116E44



323B47



C7C7C7



474747

Same Dimension

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



113A6E



003F8F



16116E



323538



003578



006DF7

Inverse Universe

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



6E113A



8F003F



696E11



383235



780035



F7006D

Previews

White Background



This preview shows how the Hex color 113A6E looks on a white background.

Color Contrast Check

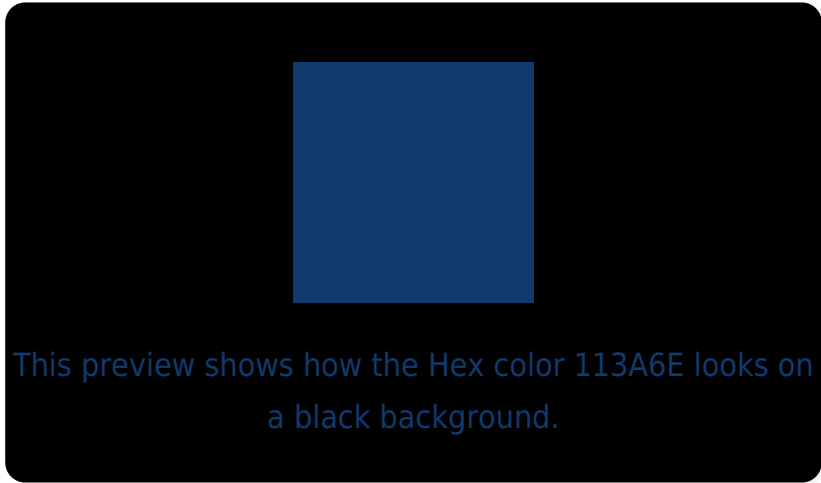
Large Text (above 18pt) WCAG AA ✓ Pass

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 113A6E Background



This preview shows how black text looks on a background with the Hex color 113A6E.



This preview shows how white text looks on a background with the Hex color 113A6E.

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
113A6E

Protanopia
1F396D

Deuteranopia
003C69

Trichromacy



Original Color
113A6E

Protanomaly
1A396D

Deuteranomaly
063B6B

Tritanomaly
063E54

Monochromacy



Original Color
113A6E

Achromatopsia
343434

Achromatomaly
273649

CSS Examples

Text

The CSS property to change the color of the text to Hex 113A6E 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 #113A6E looks like.

```
.text, #text, p{  
    color:#113A6E  
}
```

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 #113A6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #113A6E
}
```

Border

The CSS property to change the border of an element to Hex 113A6E is called "border". The border property can be set on classes, ids or directly on the HTML element.

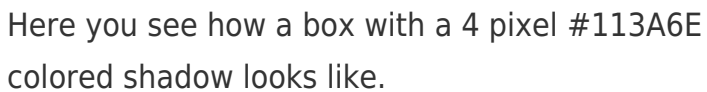
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#113A6E }
```

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

```
.border{ border-color:#113A6E }
```

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



Here you see how a box with a 4 pixel #113A6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #113A6E; -webkit-box-shadow:4px 4px  
4px 4px #113A6E; box-shadow:4px 4px 4px  
4px #113A6E }
```

Background

The CSS property to change the background color of an element to Hex 113A6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#113A6E }
```

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

```
.background{ background-color:#113A6E }
```

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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