

Converting Colors

Hex(113D3D)

Have a look what the booklet for
Hex(113D3D) contains.

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Color

Hex(113D3D)

Conversions

Conversions Part 1

Format	Color
Hex	113D3D
RGB	17, 61, 61
RGB Percent	7%, 24%, 24%
CMY	0.9333, 0.7608, 0.7608
CMYK	0.72, 0.00, 0.00, 0.76
HSL	180°, 56%, 15%
HSV	180°, 72%, 24%
XYZ	2.7422, 3.7936, 5.0026
YIQ	47.8440, -26.2240, -9.3280

Conversions

Conversions Part 2

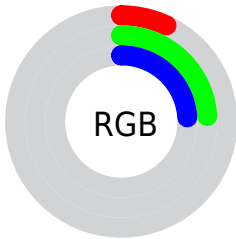
Format	Color
RYB	17, 39, 61
Decimal	1129789
CIELab	22.98, -14.65, -4.43
CIElCh	23, 15.307, 196.825
Yxy	3.7936, 0.2377, 0.3288
Android (android.graphics.Color)	4279319869 (0xFF113D3D)
YUV	47.8440, 6.4859, -27.0502
Hunter-Lab	19.4771, -8.9536, -1.5943

Details

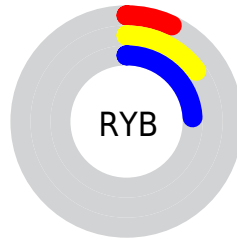
The Hex color **113D3D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3D1111**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **436D6C**, and **001313** is the 20% darker color. If you saturate the color by 10%, you get **0B3D3D**, and if you desaturate by 10%, it is **173D3D**.

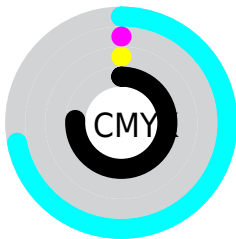
Distribution



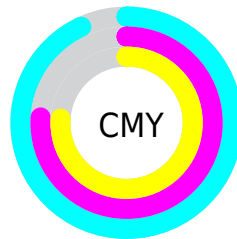
- Red (7%)
- Green (24%)
- Blue (24%)



- Red (7%)
- Yellow (15%)
- Blue (24%)



- Cyan (72%)
- Magenta (0%)
- Yellow (0%)
- Black (76%)



- Cyan (93%)
- Magenta (76%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 113D3D 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 113D3D by changing the saturation by 10% instead.



113D3D



113D3D

FFFFFF



002727



436D6C



001313



5C8686



000000



75A0A0



8FB BBB



AAD7D6



C6F4F3



E2FFFF



113D3D



113D3D

■ 0B3D3D

■ 173D3D

■ 053D3D

■ 1D3D3D

■ 003D3D

■ 233D3D

■ 293D3D

■ 303D3D

■ 363D3D

■ 3C3D3D

■ 423D3D

■ 483D3D

Harmonies

Analogous

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



1D3D31



113D3D



103C47

Triad

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



113D3D



403246



433421

Complementary

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



113D3D



3D1111

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.



4B3127



113D3D



4A2F3C

Square

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



113D3D



31364D



4D2E31



383821

Rectangle

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



113D3D



193A4B



4D2E31



463322

Sweetspot

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



113D3D



3E4F4F



113D11



1E2929



A8A8A8



292929

Same Dimension

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



113D3D



0A4F4F



11273D



1C1F1F



005E5E



00DEDE

Inverse Universe

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



3D113D



4F0A4F



3D2711



1F1C1F



5E005E



DE00DE

Previews

White Background



This preview shows how the Hex color 113D3D looks on a white background.

Color Contrast Check

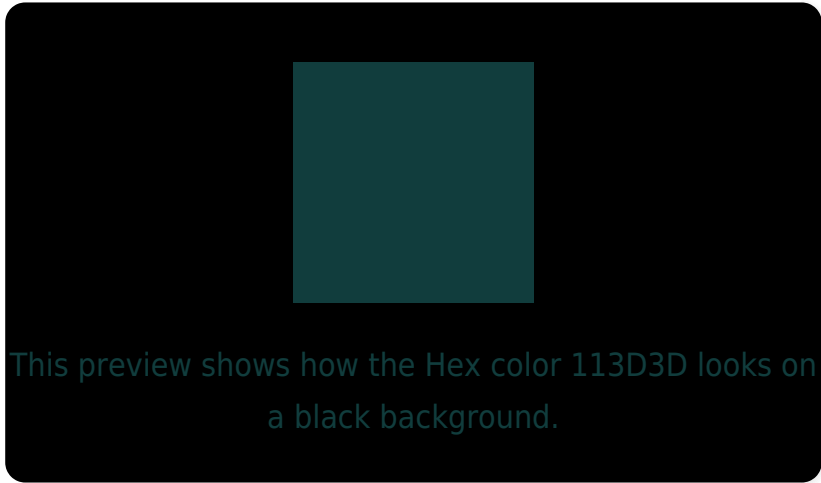
Large Text (above 18pt) WCAG AA ✓ Pass

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

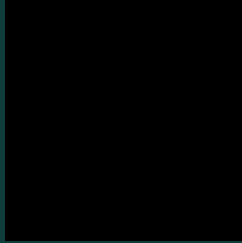
Any Text WCAG AA × Fail

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 113D3D Background



This preview shows how black text looks on a background with the Hex color 113D3D.



This preview shows how white text looks on a background with the Hex color 113D3D.

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
113D3D

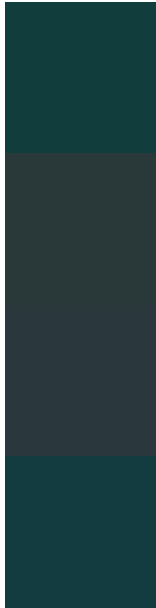
Protanopia
373739

Deuteranopia
38353F



Tritanopia
143C41

Trichromacy



Original Color
113D3D

Protanomaly
29393A

Deuteranomaly
2A383E

Tritanomaly
133C40

Monochromacy



Original Color
113D3D

Achromatopsia
303030

Achromatomaly
253535

CSS Examples

Text

The CSS property to change the color of the text to Hex 113D3D 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 #113D3D looks like.

```
.text, #text, p{  
    color:#113D3D  
}
```

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 #113D3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #113D3D
}
```

Border

The CSS property to change the border of an element to Hex 113D3D 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
#113D3D }
```

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

```
.border{ border-color:#113D3D }
```

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

Here you see how a box with a 4 pixel #113D3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #113D3D; -webkit-box-shadow:4px 4px  
4px 4px #113D3D; box-shadow:4px 4px 4px  
4px #113D3D }
```

Background

The CSS property to change the background color of an element to Hex 113D3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#113D3D }
```

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

```
.background{ background-color:#113D3D }
```

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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