

Converting Colors

Hex(111D48)

Have a look what the booklet for
Hex(111D48) contains.

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Color

Hex(111D48)

Conversions

Conversions Part 1

Format	Color
Hex	111D48
RGB	17, 29, 72
RGB Percent	7%, 11%, 28%
CMY	0.9333, 0.8863, 0.7176
CMYK	0.76, 0.60, 0.00, 0.72
HSL	227°, 62%, 17%
HSV	227°, 76%, 28%
XYZ	1.8402, 1.4658, 6.3168
YIQ	30.3140, -20.9550, 10.8290

Conversions

Conversions Part 2

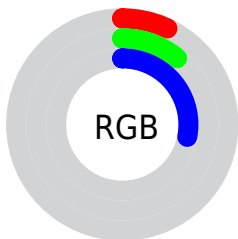
Format	Color
RYB	17, 27, 72
Decimal	1121608
CIELab	12.39, 11.89, -28.48
CIELCh	12, 30.862, 292.669
Yxy	1.4658, 0.1912, 0.1523
Android (android.graphics.Color)	4279311688 (0xFF111D48)
YUV	30.3140, 20.5512, -11.6764
Hunter-Lab	12.1069, 5.9445, -22.4598

Details

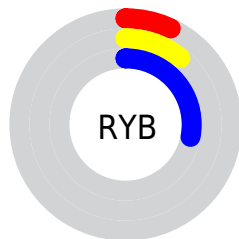
The Hex color **111D48** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **483C11**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **444879**, and **00011C** is the 20% darker color. If you saturate the color by 10%, you get **0A1748**, and if you desaturate by 10%, it is **182348**.

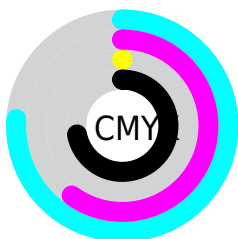
Distribution



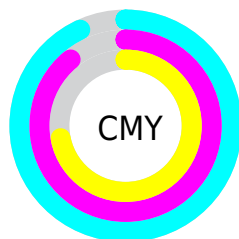
- Red (7%)
- Green (11%)
- Blue (28%)



- Red (7%)
- Yellow (11%)
- Blue (28%)



- Cyan (76%)
- Magenta (60%)
- Yellow (0%)
- Black (72%)



- Cyan (93%)
- Magenta (89%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 111D48 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 111D48 by changing the saturation by 10% instead.

■ 111D48

■ 111D48

FFFFFF

■ 000331

■ 444879

■ 00011C

■ 5D6093

■ 000000

■ 7679AE

■ 9192C9

■ ACADE5

■ C8C8FF

■ E4E4FF

■ 111D48

■ 111D48

■ 0A1748

■ 182348

■ 031248

■ 1F2848

■ 001048

■ 272E48

■ 2E3448

■ 353948

■ 3C3F48

■ 434448

■ 4B4A48

■ 525048

Harmonies

Analogous

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



00254B



111D48



34123A

Triad

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



111D48



3D1400



00291A

Complementary

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



111D48



483C11

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.



002700



111D48



2E1E00

Square

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



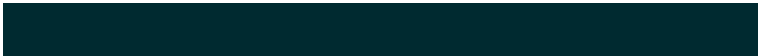
111D48



450811



1B2400



002A30

Rectangle

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



111D48



3F092D



1B2400



002913

Sweetspot

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



111D48



494D5E



11483B



232630



B0B0B0



303030

Same Dimension

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



111D48



081A5E



201148



202124



001663



0032E3

Inverse Universe

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



48111D



5E081A



394811



242021



630016



E30032

Previews

White Background



This preview shows how the Hex color 111D48 looks on a white background.

Color Contrast Check

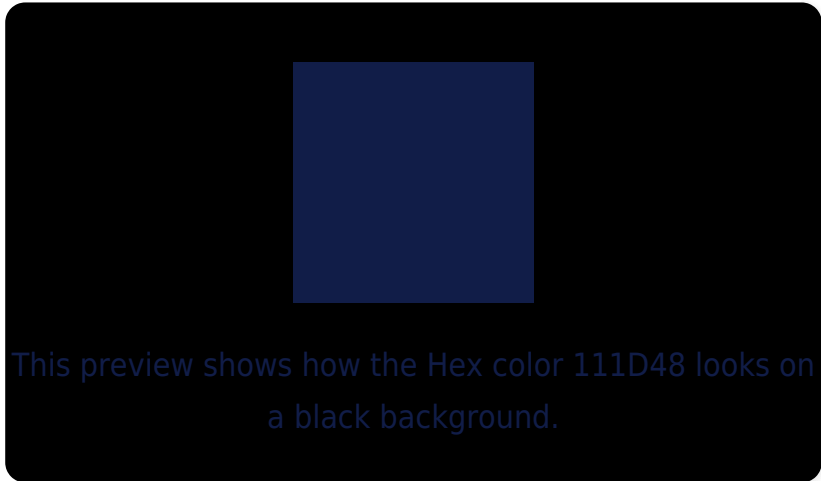
Large Text (above 18pt) WCAG AA ✓ Pass

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

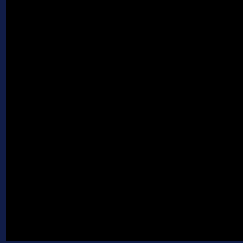
Any Text WCAG AA × Fail

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 111D48 Background



This preview shows how black text looks on a background with the Hex color 111D48.



This preview shows how white text looks on a background with the Hex color 111D48.

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
111D48

Deuteranopia
00223A

Tritanopia
002427

Trichromacy



Original Color
111D48

Deuteranomaly
06203F

Tritanomaly
062133

Monochromacy



Original Color
111D48

Achromatopsia
1E1E1E

Achromatomaly
191E2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 111D48 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 #111D48 looks like.

```
.text, #text, p{  
    color:#111D48  
}
```

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 #111D48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #111D48  
}
```

Border

The CSS property to change the border of an element to Hex 111D48 is called "border". The border property can be set on classes, ids or directly on the HTML element.

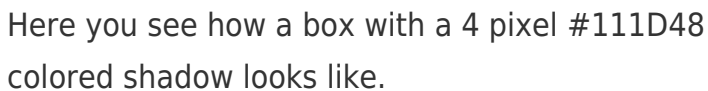
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#111D48 }
```

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

```
.border{ border-color:#111D48 }
```

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



Here you see how a box with a 4 pixel #111D48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #111D48; -webkit-box-shadow:4px 4px  
4px 4px #111D48; box-shadow:4px 4px 4px  
4px #111D48 }
```

Background

The CSS property to change the background color of an element to Hex 111D48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#111D48 }
```

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

```
.background{ background-color:#111D48 }
```

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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