

Converting Colors

Hex(111739)

Have a look what the booklet for
Hex(111739) contains.

Hex(111739)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(111739)

Conversions

Conversions Part 1

Format	Color
Hex	111739
RGB	17, 23, 57
RGB Percent	7%, 9%, 22%
CMY	0.9333, 0.9098, 0.7765
CMYK	0.70, 0.60, 0.00, 0.78
HSL	231°, 54%, 15%
HSV	231°, 70%, 22%
XYZ	1.2761, 1.0274, 4.0019
YIQ	25.0820, -14.4900, 9.3020

Conversions

Conversions Part 2

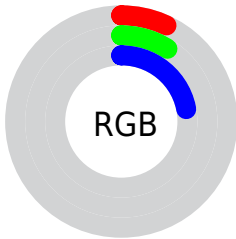
Format	Color
R_{YB}	17, 22, 57
Decimal	1120057
CIE Lab	9.22, 10.14, -23.02
CIE LCh	9, 25.153, 293.776
Yxy	1.0274, 0.2024, 0.1629
Android (android.graphics.Color)	4279310137 (0xFF111739)
YUV	25.0820, 15.7356, -7.0879
Hunter-Lab	10.1359, 4.7347, -16.3141

Details

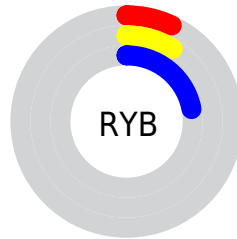
The Hex color **111739** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **393311**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **404168**, and **00000B** is the 20% darker color. If you saturate the color by 10%, you get **0B1239**, and if you desaturate by 10%, it is **171C39**.

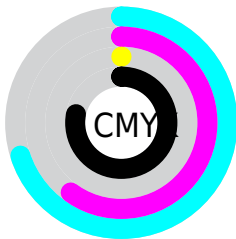
Distribution



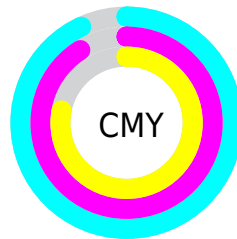
- Red (7%)
- Green (9%)
- Blue (22%)



- Red (7%)
- Yellow (9%)
- Blue (22%)



- Cyan (70%)
- Magenta (60%)
- Yellow (0%)
- Black (78%)



- Cyan (93%)
- Magenta (91%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 111739 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 111739 by changing the saturation by 10% instead.

■ 111739

■ 111739

■ FBF8FF

■ 000024

■ 404168

■ 00000B

■ 585982

■ 000000

■ 72719C

■ 8C8AB7

■ A6A5D3

■ C2C0EF

■ DEDCFF

■ 111739

■ 111739

■ 0B1239

■ 171C39

■ 060D39

■ 1C2139

■ 000939

■ 222639

■ 282A39

■ 2E2F39

■ 333439

■ 393939

■ 3F3E39

■ 444339

Harmonies

Analogous

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



001D3C



111739



2A0F2E

Triad

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



111739



311000



002216

Complementary

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



111739



393311

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.



002000



111739



251800

Square

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



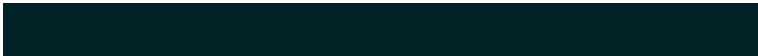
111739



37090A



151D00



002227

Rectangle

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



111739



330924



151D00



00220F

Sweetspot

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



111739



3A3D4A



113933



1D1E26



A6A6A6



262626

Same Dimension

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



111739



0C154A



1F1139



191A1C



000E5C



0021DB

Inverse Universe

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



391117



4A0C15



2B3911



1C191A



5C000E



DB0021

Previews

White Background



This preview shows how the Hex color 111739 looks on a white background.

Color Contrast Check

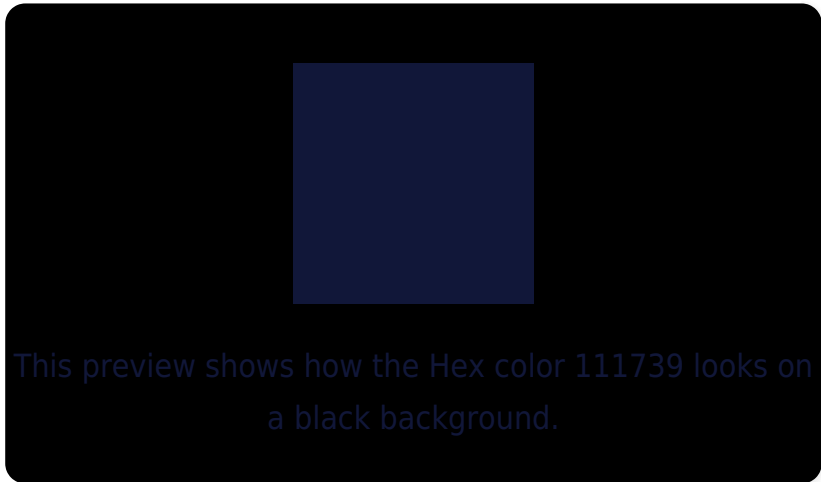
Large Text (above 18pt) WCAG AA ✓ Pass

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

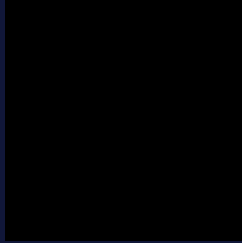
Any Text WCAG AA × Fail

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 111739 Background



This preview shows how black text looks on a background with the Hex color 111739.



This preview shows how white text looks on a background with the Hex color 111739.

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

111739

Protanopia

001936

Deuteranopia

001B2E



Tritanopia
001D1F

Trichromacy



Original Color

111739

Protanomaly

061837

Deuteranomaly

061A32

Tritanomaly

061B28

Monochromacy



Original Color

111739

Achromatopsia

191919

Achromatomaly

161825

CSS Examples

Text

The CSS property to change the color of the text to Hex 111739 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 #111739 looks like.

```
.text, #text, p{  
    color:#111739  
}
```

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 #111739 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #111739
}
```

Border

The CSS property to change the border of an element to Hex 111739 is called "border". The border property can be set on classes, ids or directly on the HTML element.

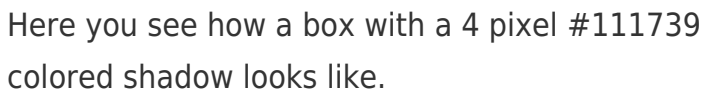
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#111739 }
```

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

```
.border{ border-color:#111739 }
```

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



Here you see how a box with a 4 pixel #111739 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #111739; -webkit-box-shadow:4px 4px  
4px 4px #111739; box-shadow:4px 4px 4px  
4px #111739 }
```

Background

The CSS property to change the background color of an element to Hex 111739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#111739 }
```

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

```
.background{ background-color:#111739 }
```

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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