

Converting Colors

Hex(111236)

Have a look what the booklet for
Hex(111236) contains.

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Color

Hex(111236)

Conversions

Conversions Part 1

Format	Color
Hex	111236
RGB	17, 18, 54
RGB Percent	7%, 7%, 21%
CMY	0.9333, 0.9294, 0.7882
CMYK	0.69, 0.67, 0.00, 0.79
HSL	238°, 52%, 14%
HSV	238°, 69%, 21%
XYZ	1.1133, 0.8181, 3.5893
YIQ	21.8050, -12.1520, 10.9840

Conversions

Conversions Part 2

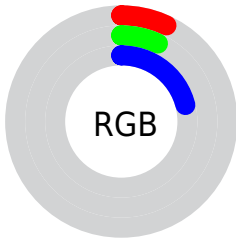
Format	Color
RYB	17, 18, 54
Decimal	1118774
CIELab	7.39, 12.73, -23.80
CIElCh	7, 26.992, 298.148
Yxy	0.8181, 0.2017, 0.1482
Android (android.graphics.Color)	4279308854 (0xFF111236)
YUV	21.8050, 15.8721, -4.2140
Hunter-Lab	9.0450, 6.1423, -17.1960

Details

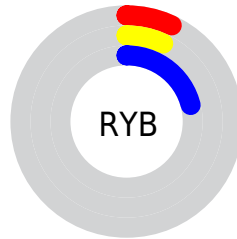
The Hex color **111236** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **363511**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **403C65**, and **000005** is the 20% darker color. If you saturate the color by 10%, you get **0C0D36**, and if you desaturate by 10%, it is **161736**.

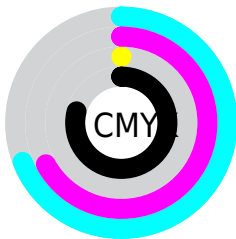
Distribution



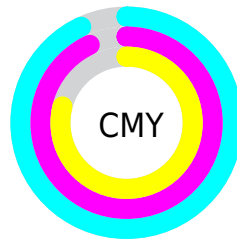
- Red (7%)
- Green (7%)
- Blue (21%)



- Red (7%)
- Yellow (7%)
- Blue (21%)



- Cyan (69%)
- Magenta (67%)
- Yellow (0%)
- Black (79%)



- Cyan (93%)
- Magenta (93%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 111236 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 111236 by changing the saturation by 10% instead.

■ 111236

■ 111236

■ FAF1FF

■ 000121

■ 403C65

■ 000005

■ 58537E

■ 000000

■ 716B98

■ 8B84B3

■ A69ECF

■ C1B9EB

■ DDD5FF

■ 111236

■ 111236

■ 0C0D36

■ 161736

■ 060736

■ 1C1D36

■ 010236

■ 212236

■ 000136

■ 272736

■ 2C2C36

■ 313236

■ 373736

■ 3C3C36

■ 424136

Harmonies

Analogous

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



00193A



111236



2A0829

Triad

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



111236



2C0D00



002014

Complementary

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



111236



363511

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.



001E00



111236



1E1500

Square

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



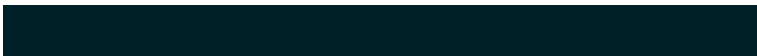
111236



350400



081B00



002027

Rectangle

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



111236



32021E



081B00



00200C

Sweetspot

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



111236



383947



113635



1B1B24



A3A3A3



242424

Same Dimension

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



111236



0D0E47



221136



19191C



00025C



0006DB

Inverse Universe

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



361112



470D0E



253611



1C1919



5C0002



DB0006

Previews

White Background



This preview shows how the Hex color 111236 looks on a white background.

Color Contrast Check

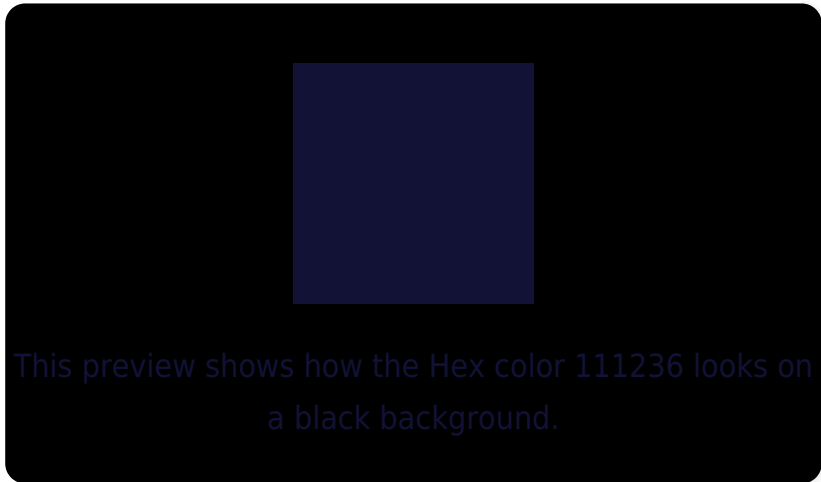
Large Text (above 18pt) WCAG AA ✓ Pass

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

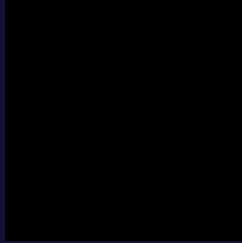
Any Text WCAG AA × Fail

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 111236 Background



This preview shows how black text looks on a background with the Hex color 111236.



This preview shows how white text looks on a background with the Hex color 111236.

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
111236

Protanopia
00162F

Deuteranopia
001828



Tritanopia
001A1B

Trichromacy



Original Color

111236

Protanomaly

061532

Deuteranomaly

06162D

Tritanomaly

061725

Monochromacy



Original Color

111236

Achromatopsia

161616

Achromatomaly

141522

CSS Examples

Text

The CSS property to change the color of the text to Hex 111236 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 #111236 looks like.

```
.text, #text, p{  
    color:#111236  
}
```

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 #111236 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #111236
}
```

Border

The CSS property to change the border of an element to Hex 111236 is called "border". The border property can be set on classes, ids or directly on the HTML element.

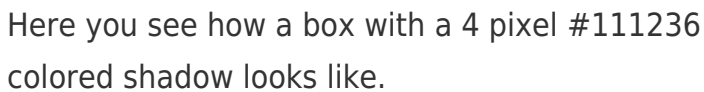
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#111236 }
```

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

```
.border{ border-color:#111236 }
```

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



Here you see how a box with a 4 pixel #111236 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #111236; -webkit-box-shadow:4px 4px  
4px 4px #111236; box-shadow:4px 4px 4px  
4px #111236 }
```

Background

The CSS property to change the background color of an element to Hex 111236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#111236 }
```

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

```
.background{ background-color:#111236 }
```

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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