

Converting Colors

Hex(112246)

Have a look what the booklet for
Hex(112246) contains.

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Color

Hex(112246)

Conversions

Conversions Part 1

Format	Color
Hex	112246
RGB	17, 34, 70
RGB Percent	7%, 13%, 27%
CMY	0.9333, 0.8667, 0.7255
CMYK	0.76, 0.51, 0.00, 0.73
HSL	221°, 61%, 17%
HSV	221°, 76%, 27%
XYZ	1.9087, 1.7054, 6.0229
YIQ	33.0210, -21.6880, 7.5920

Conversions

Conversions Part 2

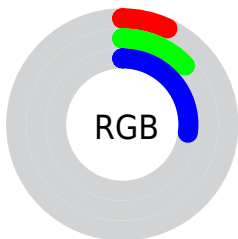
Format	Color
R_{YB}	17, 30, 70
Decimal	1122886
CIE Lab	13.86, 7.20, -24.72
CIE LCh	14, 25.752, 286.246
Yxy	1.7054, 0.1981, 0.1770
Android (android.graphics.Color)	4279312966 (0xFF112246)
YUV	33.0210, 18.2306, -14.0504
Hunter-Lab	13.0592, 3.2354, -18.2033

Details

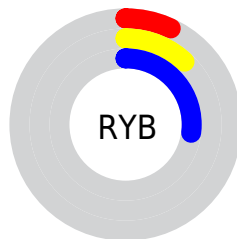
The Hex color **112246** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **463511**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **434E77**, and **00011A** is the 20% darker color. If you saturate the color by 10%, you get **0A1D46**, and if you desaturate by 10%, it is **182746**.

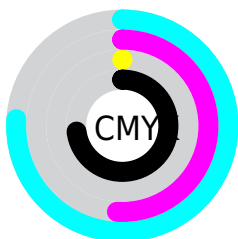
Distribution



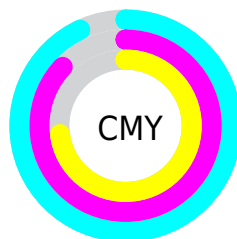
- Red (7%)
- Green (13%)
- Blue (27%)



- Red (7%)
- Yellow (12%)
- Blue (27%)



- Cyan (76%)
- Magenta (51%)
- Yellow (0%)
- Black (73%)



- Cyan (93%)
- Magenta (87%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 112246 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 112246 by changing the saturation by 10% instead.

■ 112246

■ 112246

FFFFFF

■ 000C2F

■ 434E77

■ 00011A

■ 5C6691

■ 000000

■ 757FAB

■ 9099C7

■ ABB3E3

■ C6CFFF

■ E3EBFF

■ 112246

■ 112246

■ 0A1D46

■ 182746

■ 031846

■ 1F2C46

■ 001646

■ 263046

■ 2D3546

■ 343A46

■ 3B3F46

■ 424346

■ 494846

■ 504D46

Harmonies

Analogous

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



002846



112246



301A3C

Triad

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



112246



3F1806



002B1A

Complementary

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



112246



463511

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.



0E2905



112246



341F00

Square

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



112246



43121A



242500



002C2D

Rectangle

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



112246



3C1532



242500



002B14

Sweetspot

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



112246



474D5C



114634



21252E



ADADAD



2E2E2E

Same Dimension

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



112246



08235C



1A1146



202124



002063



0049E3

Inverse Universe

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



461122



5C0823



3D4611



242021



630020



E30049

Previews

White Background



This preview shows how the Hex color 112246 looks on a white background.

Color Contrast Check

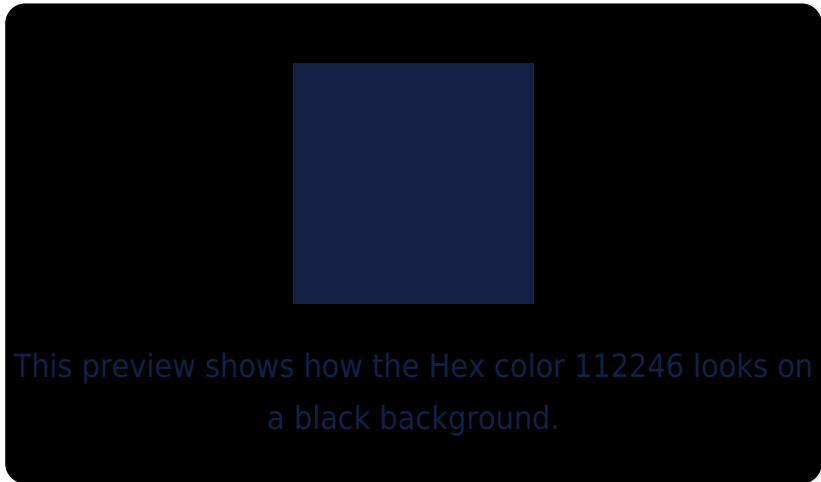
Large Text (above 18pt) WCAG AA ✓ Pass

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

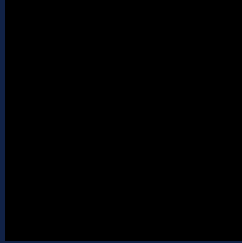
Any Text WCAG AA × Fail

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 112246 Background



This preview shows how black text looks on a background with the Hex color 112246.



This preview shows how white text looks on a background with the Hex color 112246.

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


112246

Protanopia

0D2246

Deuteranopia

00243F



Tritanopia
00282A

Trichromacy



Original Color

112246

Protanomaly

0E2246

Deuteranomaly

062342

Tritanomaly

062634

Monochromacy



Original Color

112246

Achromatopsia

212121

Achromatomaly

1B212E

CSS Examples

Text

The CSS property to change the color of the text to Hex 112246 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 #112246 looks like.

```
.text, #text, p{  
    color:#112246  
}
```

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 #112246 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #112246
}
```

Border

The CSS property to change the border of an element to Hex 112246 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
#112246 }
```

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

```
.border{ border-color:#112246 }
```

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

Here you see how a box with a 4 pixel #112246 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #112246; -webkit-box-shadow:4px 4px  
4px 4px #112246; box-shadow:4px 4px 4px  
4px #112246 }
```

Background

The CSS property to change the background color of an element to Hex 112246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#112246 }
```

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

```
.background{ background-color:#112246 }
```

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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