

Converting Colors

Hex(111A76)

Have a look what the booklet for
Hex(111A76) contains.

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Color

Hex(111A76)

Conversions

Conversions Part 1

Format	Color
Hex	111A76
RGB	17, 26, 118
RGB Percent	7%, 10%, 46%
CMY	0.9333, 0.8980, 0.5373
CMYK	0.86, 0.78, 0.00, 0.54
HSL	235°, 75%, 26%
HSV	235°, 86%, 46%
XYZ	3.8706, 2.1660, 17.3536
YIQ	33.7970, -34.8960, 26.7040

Conversions

Conversions Part 2

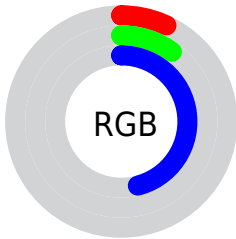
Format	Color
RYB	17, 25, 118
Decimal	1120886
CIELab	16.34, 32.65, -52.69
CIELCh	16, 61.980, 301.784
Yxy	2.1660, 0.1655, 0.0926
Android (android.graphics.Color)	4279310966 (0xFF111A76)
YUV	33.7970, 41.5121, -14.7310
Hunter-Lab	14.7172, 21.1897, -59.6090

Details

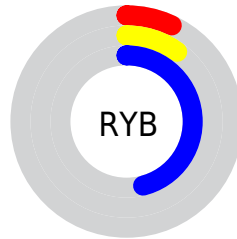
The Hex color **111A76** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **766D11**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **5246AB**, and **000044** is the 20% darker color. If you saturate the color by 10%, you get **050F76**, and if you desaturate by 10%, it is **1D2576**.

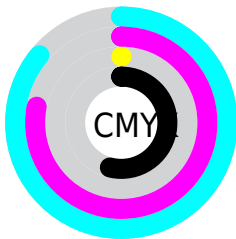
Distribution



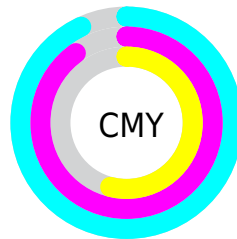
- Red (7%)
- Green (10%)
- Blue (46%)



- Red (7%)
- Yellow (10%)
- Blue (46%)



- Cyan (86%)
- Magenta (78%)
- Yellow (0%)
- Black (54%)



- Cyan (93%)
- Magenta (90%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 111A76 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 111A76 by changing the saturation by 10% instead.

■ 111A76

■ 111A76

FFFFFF

■ 00055D

■ 5246AB

■ 000044

■ 6E5EC7

■ 00032D

■ 8A77E3

■ 000117

■ A791FF

■ 000000

■ C3ACFF

■ E0C7FF

■ FEE3FF

■ 111A76

■ 111A76

■ 050F76

■ 1D2576

■ 000B76

■ 292F76

■ 343A76

■ 404576

■ 4C5076

■ 585A76

■ 646576

■ 6F7076

■ 7B7B76

Harmonies

Analogous

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



003084



111A76



5B0053

Triad

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



111A76



521000



00382A

Complementary

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



111A76



766D11

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.



003600



111A76



312800

Square

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



111A76



690000



003200



003957

Rectangle

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



111A76



6B0037



003200



00381A

Sweetspot

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



111A76



717599



11766C



35374D



CCCCCC



4D4D4D

Same Dimension

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



111A76



000E99



391176



35353B



000B7A



0016FA

Inverse Universe

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



76111A



99000E



4E7611



3B3535



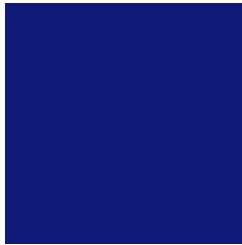
7A000B



FA0016

Previews

White Background



This preview shows how the Hex color 111A76 looks on a white background.

Color Contrast Check

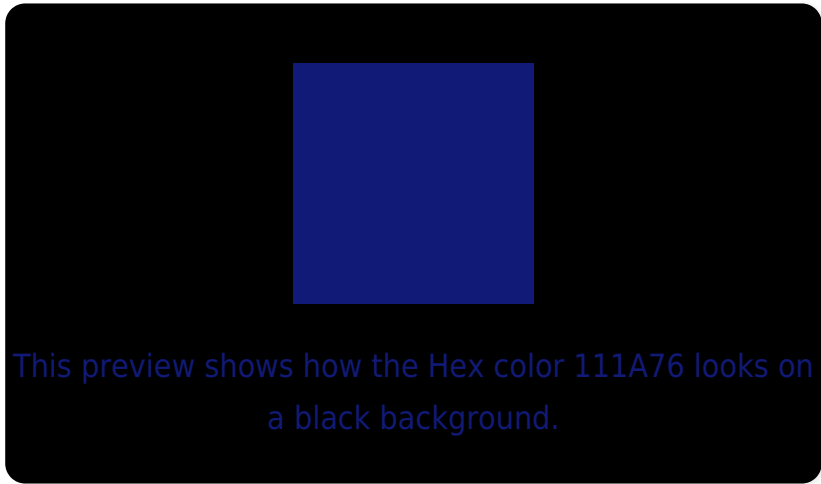
Large Text (above 18pt) WCAG AA ✓ Pass

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

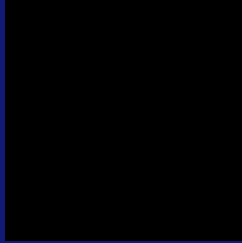
Any Text WCAG AA × Fail

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 111A76 Background



This preview shows how black text looks on a background with the Hex color 111A76.



This preview shows how white text looks on a background with the Hex color 111A76.

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

111A76

Protanopia

002854

Deuteranopia

002B48

Trichromacy



Original Color
111A76

Protanomaly
062360

Deuteranomaly
062559

Tritanomaly
06274A

Monochromacy



Original Color
111A76

Achromatopsia
222222

Achromatomaly
1C1F41

CSS Examples

Text

The CSS property to change the color of the text to Hex 111A76 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 #111A76 looks like.

```
.text, #text, p{  
    color:#111A76  
}
```

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 #111A76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #111A76  
}
```

Border

The CSS property to change the border of an element to Hex 111A76 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  
#111A76 }
```

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

```
.border{ border-color:#111A76 }
```

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

Here you see how a box with a 4 pixel #111A76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #111A76; -webkit-box-shadow:4px 4px  
4px 4px #111A76; box-shadow:4px 4px 4px  
4px #111A76 }
```

Background

The CSS property to change the background color of an element to Hex 111A76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#111A76 }
```

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

```
.background{ background-color:#111A76 }
```

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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