

Converting Colors

Hex(112C7B)

Have a look what the booklet for
Hex(112C7B) contains.

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Color

Hex(112C7B)

Conversions

Conversions Part 1

Format	Color
Hex	112C7B
RGB	17, 44, 123
RGB Percent	7%, 17%, 48%
CMY	0.9333, 0.8275, 0.5176
CMYK	0.86, 0.64, 0.00, 0.52
HSL	225°, 76%, 27%
HSV	225°, 86%, 48%
XYZ	4.7070, 3.3506, 19.1375
YIQ	44.9330, -41.4510, 18.8450

Conversions

Conversions Part 2

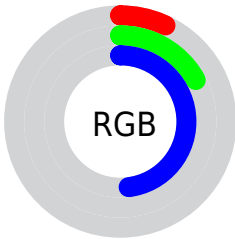
Format	Color
R_{YB}	17, 39, 123
Decimal	1125499
CIE _{Lab}	21.40, 22.42, -47.55
CIE _{LCh}	21, 52.575, 295.244
Yxy	3.3506, 0.1731, 0.1232
Android (android.graphics.Color)	4279315579 (0xFF112C7B)
YUV	44.9330, 38.4870, -24.4972
Hunter-Lab	18.3046, 13.8678, -49.1746

Details

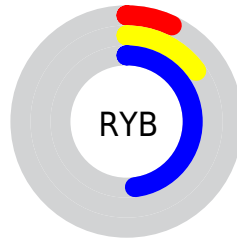
The Hex color **112C7B** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **7B6011**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **5259B0**, and **000049** is the 20% darker color. If you saturate the color by 10%, you get **05237B**, and if you desaturate by 10%, it is **1D357B**.

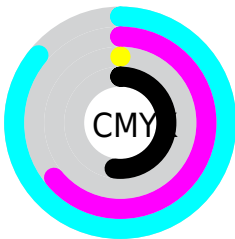
Distribution



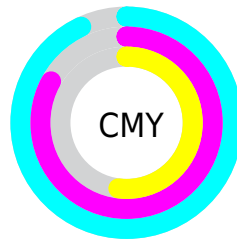
- Red (7%)
- Green (17%)
- Blue (48%)



- Red (7%)
- Yellow (15%)
- Blue (48%)



- Cyan (86%)
- Magenta (64%)
- Yellow (0%)
- Black (52%)



- Cyan (93%)
- Magenta (83%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 112C7B 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 112C7B by changing the saturation by 10% instead.

■ 112C7B

■ 112C7B

FFFFFF

■ 001862

■ 5259B0

■ 000049

■ 6E72CC

■ 000432

■ 8A8BE9

■ 00011C

■ A6A5FF

■ 000000

■ C2C0FF

■ E0DCFF

■ FDF9FF

■ 112C7B

■ 112C7B

■ 05237B

■ 1D357B

■ 001F7B

■ 2A3E7B

■ 36487B

■ 42517B

■ 4F5A7B

■ 5B637B

■ 676C7B

■ 73757B

■ 807F7B

Harmonies

Analogous

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



003B82



112C7B



5A0F60

Triad

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



112C7B



611C00



00422C

Complementary

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



112C7B



7B6011

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.



004000



112C7B



453000

Square

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



112C7B



720015



203B00



004354

Rectangle

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



112C7B



6C0048



203B00



00421E

Sweetspot

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



112C7B



7782A1



117B5F



383F52



D1D1D1



525252

Same Dimension

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



112C7B



0029A1



2A117B



37393D



00207D



0040FC

Inverse Universe

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



7B112C



A10029



627B11



3D3739



7D0020



FC0040

Previews

White Background



This preview shows how the Hex color 112C7B looks on a white background.

Color Contrast Check

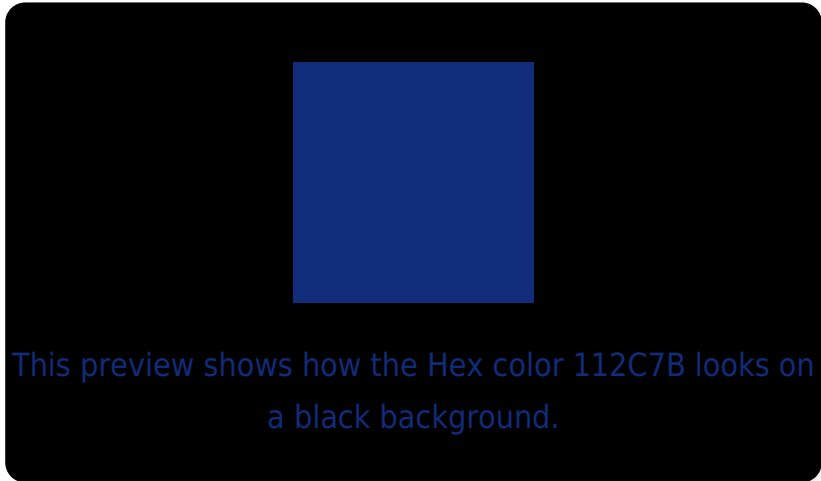
Large Text (above 18pt) WCAG AA ✓ Pass

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

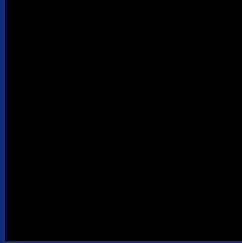
Any Text WCAG AA × Fail

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 112C7B Background



This preview shows how black text looks on a background with the Hex color 112C7B.



This preview shows how white text looks on a background with the Hex color 112C7B.

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
112C7B

Protanopia
003269

Deuteranopia
00355A



Tritanopia
003A3D

Trichromacy



Original Color
112C7B

Protanomaly
063070

Deuteranomaly
063266

Tritanomaly
063554

Monochromacy



Original Color
112C7B

Achromatopsia
2D2D2D

Achromatomaly
232D49

CSS Examples

Text

The CSS property to change the color of the text to Hex 112C7B 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 #112C7B looks like.

```
.text, #text, p{  
    color:#112C7B  
}
```

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 #112C7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #112C7B
}
```

Border

The CSS property to change the border of an element to Hex 112C7B 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
#112C7B }
```

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

```
.border{ border-color:#112C7B }
```

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

Here you see how a box with a 4 pixel #112C7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #112C7B; -webkit-box-shadow:4px 4px  
4px 4px #112C7B; box-shadow:4px 4px 4px  
4px #112C7B }
```

Background

The CSS property to change the background color of an element to Hex 112C7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#112C7B }
```

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

```
.background{ background-color:#112C7B }
```

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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