

Converting Colors

Hex(112B67)

Have a look what the booklet for
Hex(112B67) contains.

Hex(112B67)	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(112B67)

Conversions

Conversions Part 1

Format	Color
Hex	112B67
RGB	17, 43, 103
RGB Percent	7%, 17%, 40%
CMY	0.9333, 0.8314, 0.5961
CMYK	0.83, 0.58, 0.00, 0.60
HSL	222°, 72%, 24%
HSV	222°, 83%, 40%
XYZ	3.5432, 2.8262, 13.1907
YIQ	42.0660, -34.7560, 13.1480

Conversions

Conversions Part 2

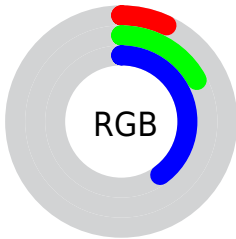
Format	Color
R_{YB}	17, 37, 103
Decimal	1125223
CIE _{Lab}	19.33, 14.73, -38.04
CIE _{LCh}	19, 40.792, 291.163
Yxy	2.8262, 0.1811, 0.1445
Android (android.graphics.Color)	4279315303 (0xFF112B67)
YUV	42.0660, 30.0405, -21.9829
Hunter-Lab	16.8113, 8.2017, -34.7531

Details

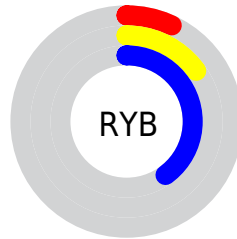
The Hex color **112B67** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **674D11**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **4C589B**, and **000037** is the 20% darker color. If you saturate the color by 10%, you get **072467**, and if you desaturate by 10%, it is **1B3267**.

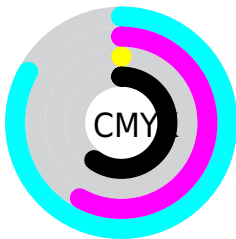
Distribution



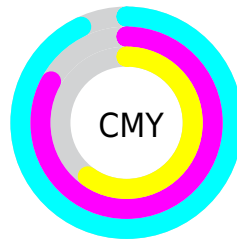
- Red (7%)
- Green (17%)
- Blue (40%)



- Red (7%)
- Yellow (15%)
- Blue (40%)



- Cyan (83%)
- Magenta (58%)
- Yellow (0%)
- Black (60%)



- Cyan (93%)
- Magenta (83%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 112B67 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 112B67 by changing the saturation by 10% instead.

■ 112B67

■ 112B67

FFFFFF

■ 00174F

■ 4C589B

■ 000037

■ 6770B6

■ 000221

■ 818AD2

■ 000006

■ 9DA4EE

■ 000000

■ B9BFFF

■ D5DBFF

■ F2F7FF

■ 112B67

■ 112B67

■ 072467

■ 1B3267

■ 001F67

■ 263967

■ 304167

■ 3A4867

■ 454F67

■ 4F5667

■ 595D67

■ 636467

■ 6E6C67

Harmonies

Analogous

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



00356A



112B67



491B55

Triad

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



112B67



571C00



003B25

Complementary

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



112B67



674D11

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.



003902



112B67



422A00

Square

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



112B67



61091C



273400



003C44

Rectangle

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



112B67



590D43



273400



003A1A

Sweetspot

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



112B67



657087



11674C



303645



C4C4C4



454545

Same Dimension

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



112B67



002987



211167



2E2F33



002373



0049F2

Inverse Universe

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



67112B



870029



576711



332E2F



730023



F20049

Previews

White Background



This preview shows how the Hex color 112B67 looks on a white background.

Color Contrast Check

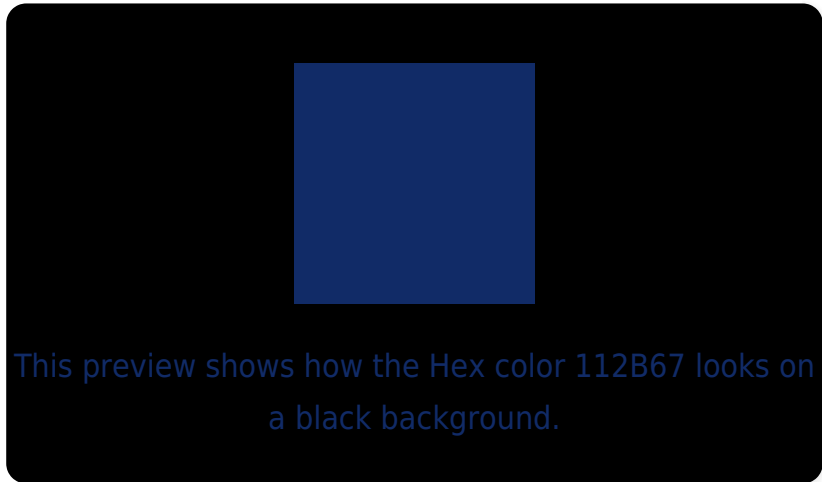
Large Text (above 18pt) WCAG AA ✓ Pass

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

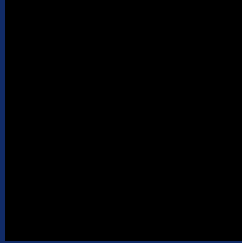
Any Text WCAG AA × Fail

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 112B67 Background



This preview shows how black text looks on a background with the Hex color 112B67.



This preview shows how white text looks on a background with the Hex color 112B67.

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

112B67

Protanopia

002D61

Deuteranopia

003053

Trichromacy



Original Color
112B67

Protanomaly
062C63

Deuteranomaly
062E5A

Tritanomaly
063149

Monochromacy



Original Color
112B67

Achromatopsia
2A2A2A

Achromatomaly
212A40

CSS Examples

Text

The CSS property to change the color of the text to Hex 112B67 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 #112B67 looks like.

```
.text, #text, p{  
    color:#112B67  
}
```

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 #112B67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #112B67
}
```

Border

The CSS property to change the border of an element to Hex 112B67 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
#112B67 }
```

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

```
.border{ border-color:#112B67 }
```

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

Here you see how a box with a 4 pixel #112B67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #112B67; -webkit-box-shadow:4px 4px  
4px 4px #112B67; box-shadow:4px 4px 4px  
4px #112B67 }
```

Background

The CSS property to change the background color of an element to Hex 112B67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#112B67 }
```

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

```
.background{ background-color:#112B67 }
```

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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