

Converting Colors

Hex(112229)

Have a look what the booklet for
Hex(112229) contains.

Hex(112229)	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(112229)

Conversions

Conversions Part 1

Format	Color
Hex	112229
RGB	17, 34, 41
RGB Percent	7%, 13%, 16%
CMY	0.9333, 0.8667, 0.8392
CMYK	0.59, 0.17, 0.00, 0.84
HSL	198°, 41%, 11%
HSV	198°, 59%, 16%
XYZ	1.2034, 1.4233, 2.3091
YIQ	29.7150, -12.3790, -1.4270

Conversions

Conversions Part 2

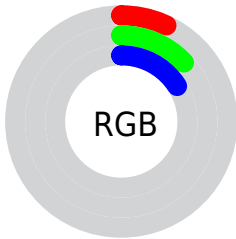
Format	Color
RYB	17, 27, 41
Decimal	1122857
CIELab	12.11, -4.64, -6.89
CIELCh	12, 8.305, 236.070
Yxy	1.4233, 0.2438, 0.2884
Android (android.graphics.Color)	4279312937 (0xFF112229)
YUV	29.7150, 5.5635, -11.1511
Hunter-Lab	11.9303, -2.8724, -3.1244

Details

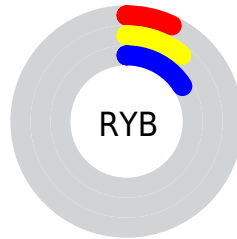
The Hex color **112229** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **291811**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **3D4E56**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0D2129**, and if you desaturate by 10%, it is **152329**.

Distribution



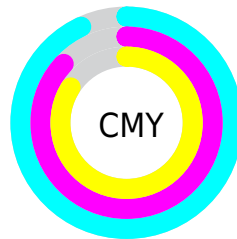
- Red (7%)
- Green (13%)
- Blue (16%)



- Red (7%)
- Yellow (11%)
- Blue (16%)



- Cyan (59%)
- Magenta (17%)
- Yellow (0%)
- Black (84%)



- Cyan (93%)
- Magenta (87%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 112229 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 112229 by changing the saturation by 10% instead.

■ 112229

■ 112229

■ F4FFFF

■ 000C15

■ 3D4E56

■ 000000

■ 54666E

■ 6D7F88

■ 8699A2

■ A1B4BD

■ BCCFD9

■ D8ECF5

■ 112229

■ 112229

■ 0D2129

■ 152329

■ 092029

■ 192429

■ 051E29

■ 1D2629

■ 011D29

■ 212729

■ 001D29

■ 252829

■ 2A2929

■ 2E2A29

■ 322C29

■ 362D29

Harmonies

Analogous

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



0F2325



112229



18202B

Triad

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



112229



2A1C21



1F2115

Complementary

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



112229



291811

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.



251F14



112229



2B1C1B

Square

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



112229



261D26



291D16



182219

Rectangle

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



112229



1D1F2B



291D16



212015

Sweetspot

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



112229



2C3336



112918



161A1C



9C9C9C



1C1C1C

Same Dimension

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



112229



102B36



111629



121414



003C54



0096D4

Inverse Universe

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



291122



36102B



292411



141214



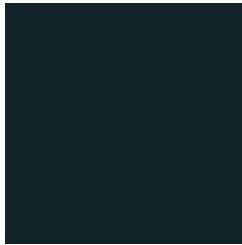
54003C



D40096

Previews

White Background



This preview shows how the Hex color 112229 looks on a white background.

Color Contrast Check

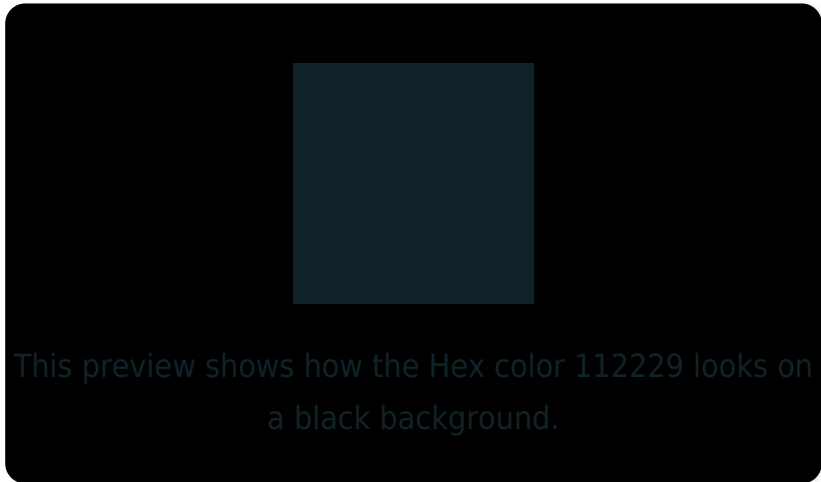
Large Text (above 18pt) WCAG AA ✓ Pass

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

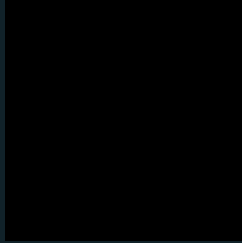
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

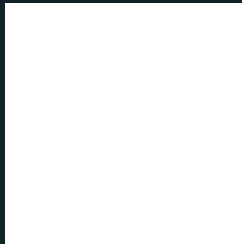
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 112229 Background



This preview shows how black text looks on a background with the Hex color 112229.



This preview shows how white text looks on a background with the Hex color 112229.

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
112229

Protanopia
1E1F27

Deuteranopia
1E1F2A

Trichromacy



Original Color

112229

Protanomaly

192028

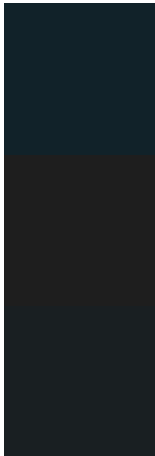
Deuteranomaly

19202A

Tritanomaly

102326

Monochromacy



Original Color

112229

Achromatopsia

1E1E1E

Achromatomaly

191F22

CSS Examples

Text

The CSS property to change the color of the text to Hex 112229 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 #112229 looks like.

```
.text, #text, p{  
    color:#112229  
}
```

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 #112229 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #112229
}
```

Border

The CSS property to change the border of an element to Hex 112229 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
#112229 }
```

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

```
.border{ border-color:#112229 }
```

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

Here you see how a box with a 4 pixel #112229 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #112229; -webkit-box-shadow:4px 4px  
4px 4px #112229; box-shadow:4px 4px 4px  
4px #112229 }
```

Background

The CSS property to change the background color of an element to Hex 112229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#112229 }
```

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

```
.background{ background-color:#112229 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor