

Converting Colors

Hex(112A11)

Have a look what the booklet for
Hex(112A11) contains.

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Color

Hex(112A11)

Conversions

Conversions Part 1

Format	Color
Hex	112A11
RGB	17, 42, 17
RGB Percent	7%, 16%, 7%
CMY	0.9333, 0.8353, 0.9333
CMYK	0.60, 0.00, 0.60, 0.84
HSL	120°, 42%, 12%
HSV	120°, 60%, 16%
XYZ	1.1603, 1.8156, 0.8196
YIQ	31.6750, -6.8750, -13.0750

Conversions

Conversions Part 2

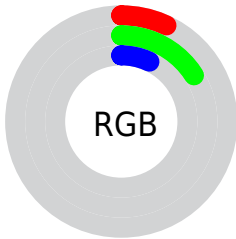
Format	Color
R_{YB}	17, 42, 42
Decimal	1124881
CIE _{Lab}	14.49, -16.29, 13.26
CIE _{LCh}	14, 20.999, 140.855
Yxy	1.8156, 0.3057, 0.4784
Android (android.graphics.Color)	4279314961 (0xFF112A11)
YUV	31.6750, -7.2348, -12.8700
Hunter-Lab	13.4743, -8.2089, 5.8256

Details

The Hex color **112A11** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2A112A**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **3D583B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0D2A0D**, and if you desaturate by 10%, it is **152A15**.

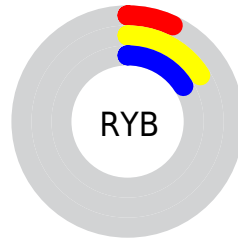
Distribution



Red (7%)

Green (16%)

Blue (7%)



Red (7%)

Yellow (16%)

Blue (16%)

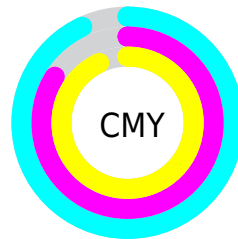


Cyan (60%)

Magenta (0%)

Yellow (60%)

Black (84%)



Cyan (93%)


Magenta (84%)


Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 112A11 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 112A11 by changing the saturation by 10% instead.

 112A11

 112A11

 F5FFF1

 001700

 3D583B

 000000

 557053


 6E8A6B


 87A484

 A2BF9E

 BDDBB9

 D9F8D5

 112A11

 112A11

■ 0D2A0D

■ 152A15

■ 092A09

■ 192A19

■ 042A04

■ 1E2A1E

■ 002A00

■ 222A22

■ 262A26

■ 2A2A2A

■ 2E2A2E

■ 332A33

■ 372A37

Harmonies

Analogous

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



232703



112A11



002C1F

Triad

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



112A11



002842



40181B

Complementary

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



112A11



2A112A

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.



3D182A



112A11



1D2340

Square

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



112A11



002B3B



321C37



3B1D0D

Rectangle

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



112A11



002C2A



321C37



401720

Sweetspot

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



112A11



2C362C



2A2A11



161C16



9C9C9C



1C1C1C

Same Dimension

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



112A11



103610



112A1D



121412



005400



00D400

Inverse Universe

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



2A112A



361036



2A111D



141214



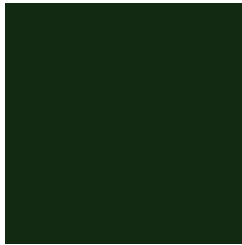
540054



D400D4

Previews

White Background



This preview shows how the Hex color 112A11 looks on a white background.

Color Contrast Check

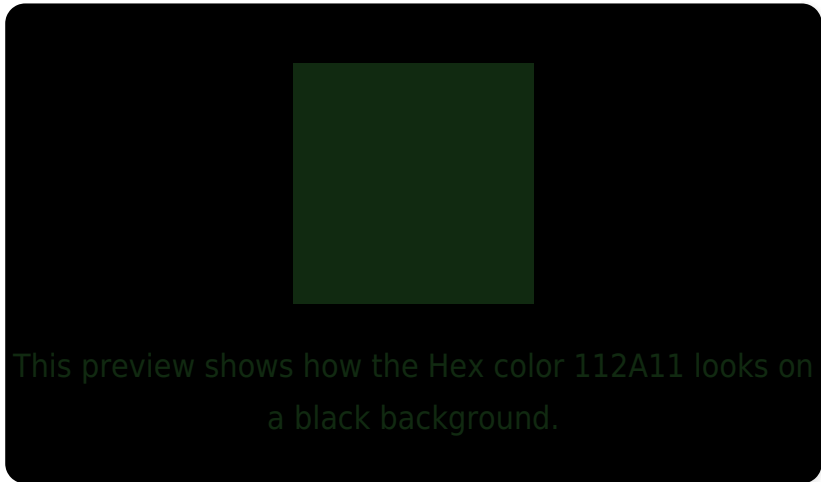
Large Text (above 18pt) WCAG AA ✓ Pass

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

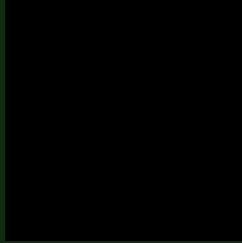
Any Text WCAG AA × Fail

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 112A11 Background



This preview shows how black text looks on a background with the Hex color 112A11.



This preview shows how white text looks on a background with the Hex color 112A11.

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
112A11

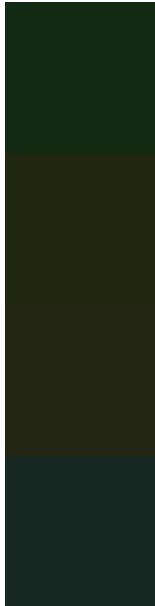
Protanopia
29250F

Deuteranopia
2D2313



Tritanopia
17272B

Trichromacy



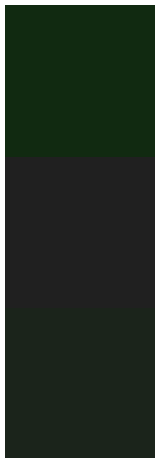
Original Color
112A11

Protanomaly
202710

Deuteranomaly
232612

Tritanomaly
152822

Monochromacy



Original Color
112A11

Achromatopsia
202020

Achromatomaly
1B241B

CSS Examples

Text

The CSS property to change the color of the text to Hex 112A11 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 #112A11 looks like.

```
.text, #text, p{  
    color:#112A11  
}
```

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 #112A11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #112A11  
}
```

Border

The CSS property to change the border of an element to Hex 112A11 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  
#112A11 }
```

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

```
.border{ border-color:#112A11 }
```

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

Here you see how a box with a 4 pixel #112A11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #112A11; -webkit-box-shadow:4px 4px  
4px 4px #112A11; box-shadow:4px 4px 4px  
4px #112A11 }
```

Background

The CSS property to change the background color of an element to Hex 112A11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#112A11 }
```

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

```
.background{ background-color:#112A11 }
```

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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