

Converting Colors

Hex(112812)

Have a look what the booklet for
Hex(112812) contains.

Hex(112812)	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(112812)

Conversions

Conversions Part 1

Format	Color
Hex	112812
RGB	17, 40, 18
RGB Percent	7%, 16%, 7%
CMY	0.9333, 0.8431, 0.9294
CMYK	0.58, 0.00, 0.55, 0.84
HSL	123°, 40%, 11%
HSV	123°, 57%, 16%
XYZ	1.0991, 1.6804, 0.8387
YIQ	30.6150, -6.6460, -11.7180

Conversions

Conversions Part 2

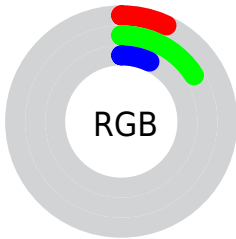
Format	Color
RYB	17, 39, 40
Decimal	1124370
CIELab	13.71, -15.00, 11.65
CIELCh	14, 18.990, 142.177
Yxy	1.6804, 0.3038, 0.4644
Android (android.graphics.Color)	4279314450 (0xFF112812)
YUV	30.6150, -6.2192, -11.9404
Hunter-Lab	12.9631, -7.5505, 5.2382

Details

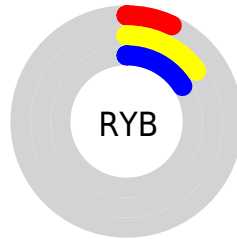
The Hex color **112812** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **281127**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **3D553C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0D280E**, and if you desaturate by 10%, it is **152816**.

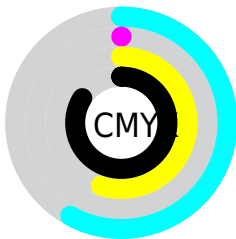
Distribution



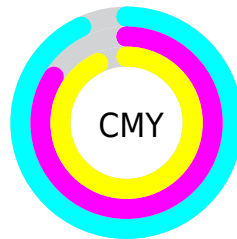
- Red (7%)
- Green (16%)
- Blue (7%)



- Red (7%)
- Yellow (15%)
- Blue (16%)



- Cyan (58%)
- Magenta (0%)
- Yellow (55%)
- Black (84%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 112812 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 112812 by changing the saturation by 10% instead.

■ 112812

■ 112812

■ F4FFF2

■ 001500

■ 3D553C

■ 000000

■ 546E54

■ 6D876C

■ 86A185

■ A1BD9F

■ BCD8BA

■ D8F5D6

■ 112812

■ 112812

■ 0D280E

■ 152816

■ 09280A

■ 19281A

■ 052807

■ 1D281D

■ 012803

■ 212821

■ 002802

■ 252825

■ 292829

■ 2D282D

■ 312831

■ 352834

Harmonies

Analogous

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



222506



112812



00291F

Triad

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



112812



00253D



3C181A

Complementary

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



112812



281127

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.



3A1827



112812



1E213C

Square

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



112812



002838



301C33



371C0D

Rectangle

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



112812



002A28



301C33



3C181E

Sweetspot

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



112812



2A332B



272811



141A15



999999



1A1A1A

Same Dimension

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



112812



103311



11281D



121412



005404



00D409

Inverse Universe

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



281127



331031



28111C



141214



540050



D400CA

Previews

White Background



This preview shows how the Hex color 112812 looks on a white background.

Color Contrast Check

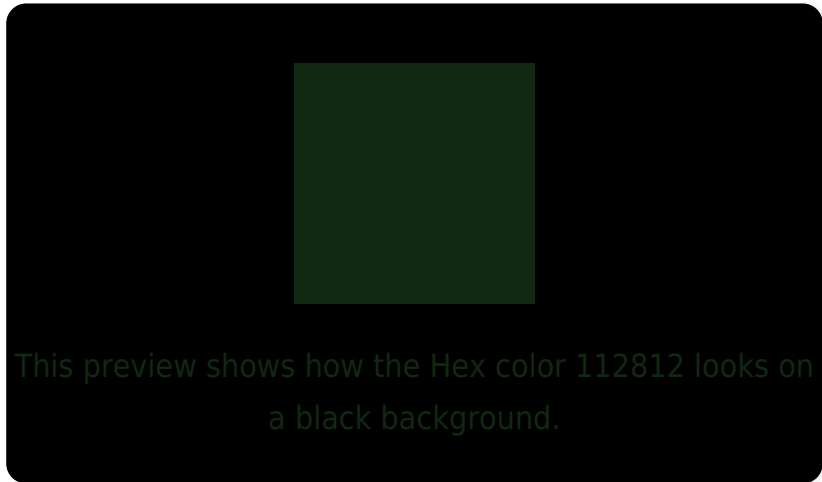
Large Text (above 18pt) WCAG AA ✓ Pass

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

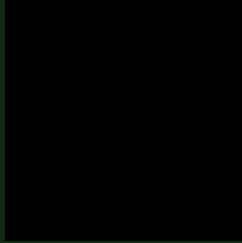
Any Text WCAG AA × Fail

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 112812 Background



This preview shows how black text looks on a background with the Hex color 112812.



This preview shows how white text looks on a background with the Hex color 112812.

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
112812

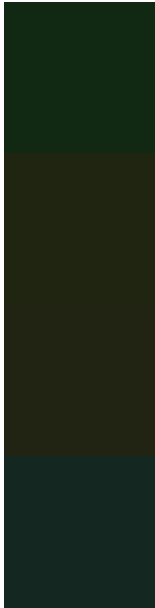
Protanopia
272310

Deuteranopia
2B2214



Tritanopia
162629

Trichromacy



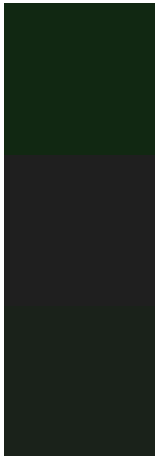
Original Color
112812

Protanomaly
1F2511

Deuteranomaly
222413

Tritanomaly
142721

Monochromacy



Original Color
112812

Achromatopsia
1F1F1F

Achromatomaly
1A221A

CSS Examples

Text

The CSS property to change the color of the text to Hex 112812 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 #112812 looks like.

```
.text, #text, p{  
    color:#112812  
}
```

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 #112812 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #112812
}
```

Border

The CSS property to change the border of an element to Hex 112812 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".

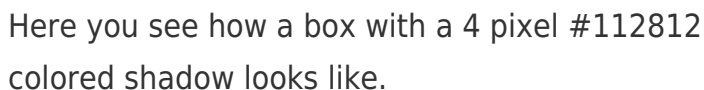
```
.border, #border, table{ border:4px solid
#112812 }
```

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

```
.border{ border-color:#112812 }
```

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

Here you see how a box with a 4 pixel #112812 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #112812; -webkit-box-shadow:4px 4px  
4px 4px #112812; box-shadow:4px 4px 4px  
4px #112812 }
```

Background

The CSS property to change the background color of an element to Hex 112812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#112812 }
```

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

```
.background{ background-color:#112812 }
```

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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