

# Converting Colors

Hex(112900)

Have a look what the booklet for  
Hex(112900) contains.

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# Color

**Hex(112900)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 112900                     |
| RGB           | 17, 41, 0                  |
| RGB Percent   | 7%, 16%, 0%                |
| CMY           | 0.9333, 0.8392, 1.0000     |
| CMYK          | 0.59, 0.00, 1.00, 0.84     |
| HSL           | 95°, 100%, 8%              |
| HSV           | 95°, 100%, 16%             |
| XYZ           | 1.0241, 1.7050, 0.2751     |
| YIQ           | 29.1500, -1.1430, -17.8390 |

# Conversions

## Conversions Part 2

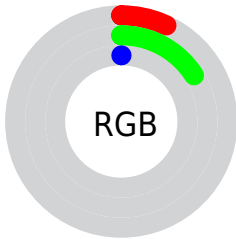
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 0, 41, 24                      |
| Decimal                             | 1124608                        |
| CIELab                              | 13.86, -18.26, 19.95           |
| CIELCh                              | 14, 27.046, 132.455            |
| Yxy                                 | 1.7050, 0.3409,<br>0.5675      |
| Android<br>(android.graphics.Color) | 4279314688<br>(0xFF112900)     |
| YUV                                 | 29.1500, -14.3709,<br>-10.6555 |
| Hunter-Lab                          | 13.0577, -8.8515,<br>7.8912    |

# Details

The Hex color **112900** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **180029**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **3C572F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **112900**, and if you desaturate by 10%, it is **132904**.

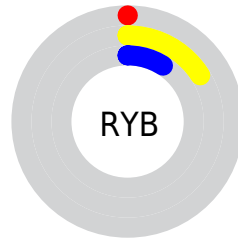
# Distribution



Red (7%)

Green (16%)

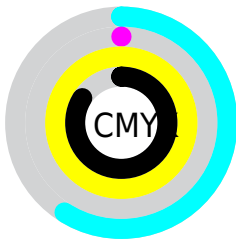
Blue (0%)



Red (0%)

Yellow (16%)

Blue (9%)

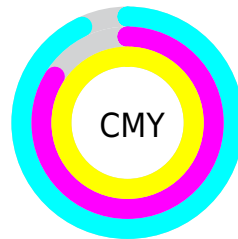


Cyan (59%)

Magenta (0%)

Yellow (100%)

Black (84%)



Cyan (93%)

Magenta (84%)


Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 112900 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 112900 by changing the saturation by 10% instead.



 112900

 112900

 F5FFE2

 001600

 3C572F

 000000

 546F46


 6D895E

 87A377

 A1BE90

 BCDAAB

 D8F6C6

 112900

■ 132904

■ 162908

■ 18290C

■ 1B2910

■ 1D2914

■ 1F2919

■ 22291D

■ 242921

■ 272925

# Harmonies

## Analogous

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



262500



112900



002B17

# Triad

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



112900



002847



45101C

# Complementary

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



112900



180029

# 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.



3F122F



112900



062348

# Square

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



112900



002B3C



2E1B3F



411607

# Rectangle

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



112900



002C24



2E1B3F



440F23



# Sweetspot

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



112900



2C3625



291800



161C12



9C9C9C



1C1C1C



# Same Dimension

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



112900



163600



002903



131412



235400



58D400



# Inverse Universe

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



180029



1F0036



290026



141214



310054

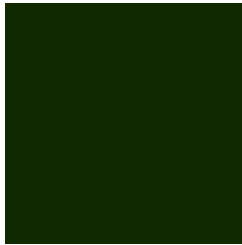


7C00D4



# Previews

## White Background



This preview shows how the Hex color 112900 looks on a white background.

## Color Contrast Check

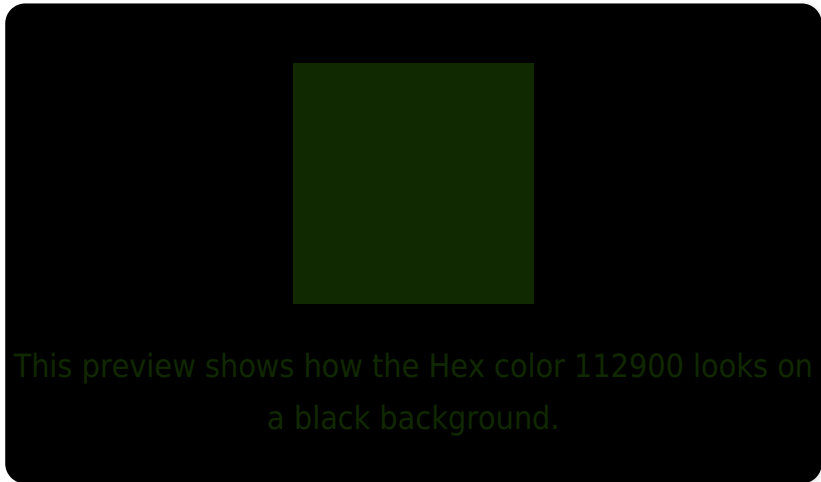
Large Text (above 18pt) WCAG AA ✓ Pass

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

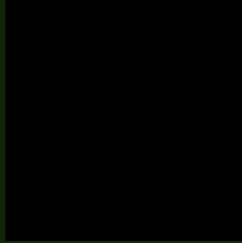
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 112900 Background



This preview shows how black text looks on a background with the Hex color 112900.



This preview shows how white text looks on a background with the Hex color 112900.

# 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**  
112900

**Protanopia**  
282400

**Deuteranopia**  
2D2209



**Tritanopia**  
172629

# Trichromacy



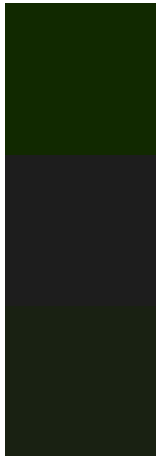
**Original Color**  
112900

**Protanomaly**  
202600

**Deuteranomaly**  
232506

**Tritanomaly**  
15271A

# Monochromacy



**Original Color**  
112900

**Achromatopsia**  
1D1D1D

**Achromatomaly**  
192112

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 112900 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 #112900 looks like.

```
.text, #text, p{  
    color:#112900  
}
```

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 #112900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #112900
}
```

## Border

The CSS property to change the border of an element to Hex 112900 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
#112900 }
```

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

```
.border{ border-color:#112900 }
```

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

Here you see how a box with a 4 pixel #112900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #112900; -webkit-box-shadow:4px 4px  
4px 4px #112900; box-shadow:4px 4px 4px  
4px #112900 }
```

# Background

The CSS property to change the background color of an element to Hex 112900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#112900 }
```

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

```
.background{ background-color:#112900 }
```

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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