

# Converting Colors

Hex(113000)

Have a look what the booklet for  
Hex(113000) contains.

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# Color

**Hex(113000)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	113000
RGB	17, 48, 0
RGB Percent	7%, 19%, 0%
CMY	0.9333, 0.8118, 1.0000
CMYK	0.65, 0.00, 1.00, 0.81
HSL	99°, 100%, 9%
HSV	99°, 100%, 19%
XYZ	1.2881, 2.2331, 0.3631
YIQ	33.2590, -3.0680, -21.5000

# Conversions

## Conversions Part 2

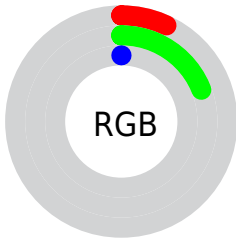
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 48, 31
Decimal	1126400
CIELab	16.67, -21.59, 23.54
CIELCh	17, 31.943, 132.528
Yxy	2.2331, 0.3316, 0.5749
Android (android.graphics.Color)	4279316480 (0xFF113000)
YUV	33.2590, -16.3967, -14.2591
Hunter-Lab	14.9435, -10.7645, 9.0197

# Details

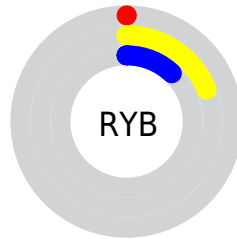
The Hex color **113000** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **1F0030**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **3F5F2F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **113000**, and if you desaturate by 10%, it is **143005**.

# Distribution



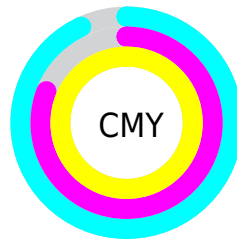
- Red (7%)
- Green (19%)
- Blue (0%)



- Red (0%)
- Yellow (19%)
- Blue (12%)



- Cyan (65%)
- Magenta (0%)
- Yellow (100%)
- Black (81%)




- Cyan (93%)
- Magenta (81%)
- Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 113000 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 113000 by changing the saturation by 10% instead.



 113000

 113000

 F9FFE3

 001D00

 3F5F2F

 000000

 577746


 70915E

 8AAC77

 A5C791

 C0E3AC

 DCFFC7

 113000

■ 143005

■ 17300A

■ 1A300E

■ 1D3013

■ 213018

■ 24301D

■ 273022

■ 2A3026

■ 2D302B

# Harmonies

## Analogous

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



2C2B00



113000



00331B

# Triad

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



113000



002F55



511021

# Complementary

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



113000



1F0030

# 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.



4B1337



113000



002956

# Square

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



113000



003348



361E4B



4C1809

# Rectangle

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



113000



00332B



361E4B



510F28



# Sweetspot

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



113000



313D2B



301E00



171F14



9E9E9E



1F1F1F



# Same Dimension

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



113000



163D00



003006



151715



1F5700



4CD600



# Inverse Universe

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



1F0030



28003D



30002A



161517



380057

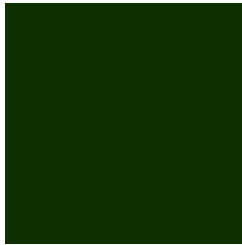


8A00D6



# Previews

## White Background



This preview shows how the Hex color 113000 looks on a white background.

## Color Contrast Check

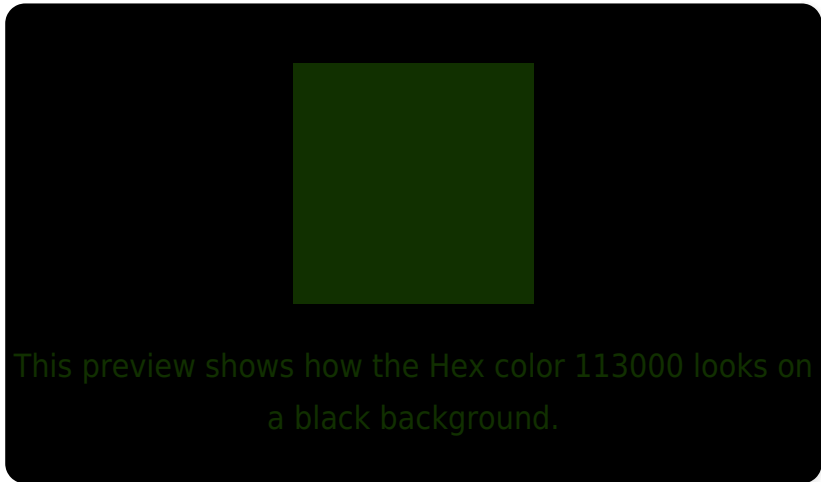
Large Text (above 18pt) WCAG AA ✓ Pass

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

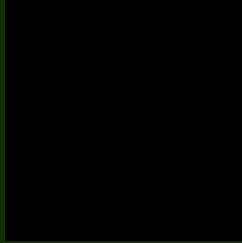
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 113000 Background



This preview shows how black text looks on a background with the Hex color 113000.



This preview shows how white text looks on a background with the Hex color 113000.

# 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**  
113000

**Protanopia**  
2F2A00

**Deuteranopia**  
34270A



**Tritanopia**  
1A2D30

# Trichromacy



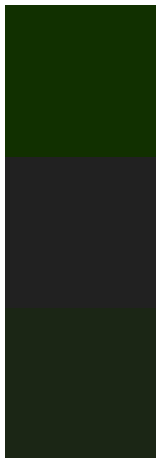
**Original Color**  
113000

**Protanomaly**  
242C00

**Deuteranomaly**  
272A06

**Tritanomaly**  
172E1F

# Monochromacy



**Original Color**  
113000

**Achromatopsia**  
212121

**Achromatomaly**  
1B2615

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 113000 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 #113000 looks like.

```
.text, #text, p{  
    color:#113000  
}
```

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 #113000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #113000
}
```

## Border

The CSS property to change the border of an element to Hex 113000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

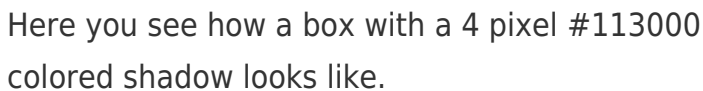
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#113000 }
```

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

```
.border{ border-color:#113000 }
```

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



Here you see how a box with a 4 pixel #113000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #113000; -webkit-box-shadow:4px 4px  
4px 4px #113000; box-shadow:4px 4px 4px  
4px #113000 }
```

# Background

The CSS property to change the background color of an element to Hex 113000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#113000 }
```

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

```
.background{ background-color:#113000 }
```

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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