

# Converting Colors

Hex(114200)

Have a look what the booklet for  
Hex(114200) contains.

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**Color**

**Hex(114200)**

# Conversions

## Conversions Part 1

Format	Color
Hex	114200
RGB	17, 66, 0
RGB Percent	7%, 26%, 0%
CMY	0.9333, 0.7412, 1.0000
CMYK	0.74, 0.00, 1.00, 0.74
HSL	105°, 100%, 13%
HSV	105°, 100%, 26%
XYZ	2.1794, 4.0156, 0.6602
YIQ	43.8250, -8.0180, -30.9140

# Conversions

## Conversions Part 2

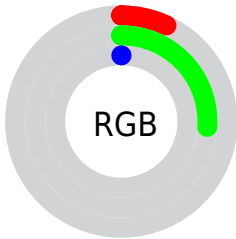
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 66, 49
Decimal	1131008
CIELab	23.72, -29.17, 31.46
CIELCh	24, 42.902, 132.840
Yxy	4.0156, 0.3179, 0.5858
Android (android.graphics.Color)	4279321088 (0xFF114200)
YUV	43.8250, -21.6057, -23.5255
Hunter-Lab	20.0390, -15.6550, 12.0738

# Details

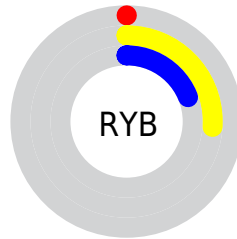
The Hex color **114200** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **310042**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **447330**, and **001500** is the 20% darker color. If you saturate the color by 10%, you get **114200**, and if you desaturate by 10%, it is **164207**.

# Distribution



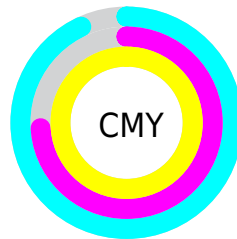
- Red (7%)
- Green (26%)
- Blue (0%)



- Red (0%)
- Yellow (26%)
- Blue (19%)



- Cyan (74%)
- Magenta (0%)
- Yellow (100%)
- Black (74%)




- Cyan (93%)
- Magenta (74%)
- Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 114200 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 114200 by changing the saturation by 10% instead.



 114200

 114200

 FFFFE7

 002B00

 447330

 001500

 5E8C48

 000000


 78A761

 92C27A

 ADDE94

 C9FBAF

 E6FFCB

 114200

■ 164207

■ 1B420D

■ 204214

■ 25421A

■ 2A4221

■ 2E4228

■ 33422E

■ 384235

■ 3D423B

# Harmonies

## Analogous

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



3A3B00



114200



004524

# Triad

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



114200



004176



70102C

# Complementary

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



114200



310042

# 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.



68164C



114200



003878

# Square

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



114200



004664



4A2868



68200D

# Rectangle

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



114200



00463B



4A2868



6F0F37



# Sweetspot

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



114200



43573D



423000



202B1C



ABABAB



2B2B2B



# Same Dimension

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



114200



165700



00420F



1F211E



196100



3AE000



# Inverse Universe

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



310042



400057



420033



201E21



480061

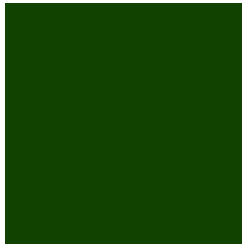


A700E0



# Previews

## White Background



This preview shows how the Hex color 114200 looks on a white background.

## Color Contrast Check

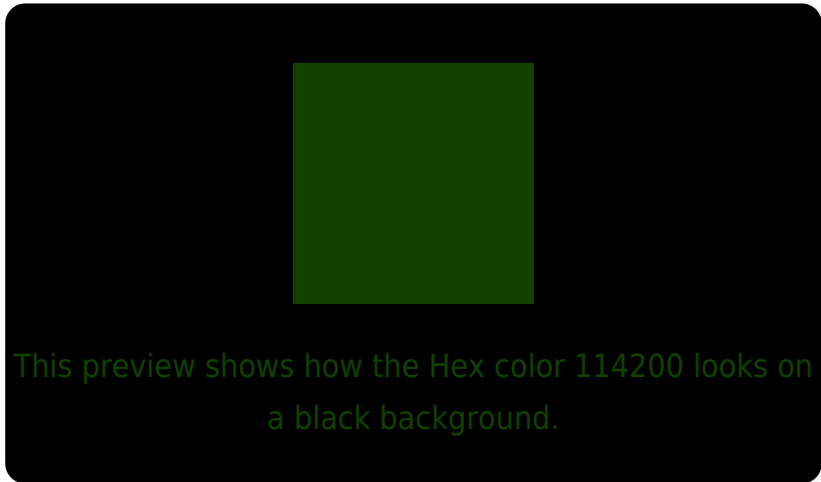
Large Text (above 18pt) WCAG AA ✓ Pass

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

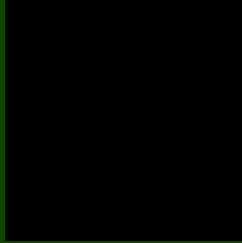
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 114200 Background



This preview shows how black text looks on a background with the Hex color 114200.



This preview shows how white text looks on a background with the Hex color 114200.

# 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](#).

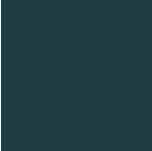
## Dichromacy



**Original Color**  
114200

**Protanopia**  
403900

**Deuteranopia**  
47360E



**Tritanopia**  
203D42

# Trichromacy



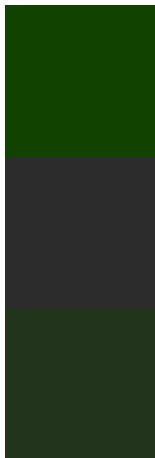
**Original Color**  
114200

**Protanomaly**  
2F3C00

**Deuteranomaly**  
333A09

**Tritanomaly**  
1B3F2A

# Monochromacy



**Original Color**  
114200

**Achromatopsia**  
2C2C2C

**Achromatomaly**  
22341C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 114200 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 #114200 looks like.

```
.text, #text, p{  
    color:#114200  
}
```

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 #114200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #114200
}
```

## Border

The CSS property to change the border of an element to Hex 114200 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
#114200 }
```

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

```
.border{ border-color:#114200 }
```

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

Here you see how a box with a 4 pixel #114200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #114200; -webkit-box-shadow:4px 4px  
4px 4px #114200; box-shadow:4px 4px 4px  
4px #114200 }
```

# Background

The CSS property to change the background color of an element to Hex 114200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#114200 }
```

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

```
.background{ background-color:#114200 }
```

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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