

# Converting Colors

Hex(114834)

Have a look what the booklet for  
Hex(114834) contains.

<b>Hex(114834)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(114834)**

# Conversions

## Conversions Part 1

Format	Color
Hex	114834
RGB	17, 72, 52
RGB Percent	7%, 28%, 20%
CMY	0.9333, 0.7176, 0.7961
CMYK	0.76, 0.00, 0.28, 0.72
HSL	158°, 62%, 17%
HSV	158°, 76%, 28%
XYZ	3.1684, 5.0018, 4.0473
YIQ	53.2750, -26.3600, -17.8800

# Conversions

## Conversions Part 2

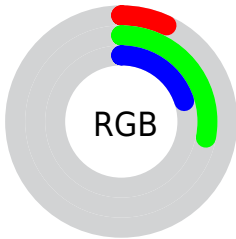
<b>Format</b>	<b>Color</b>
<b>RYB</b>	17, 51, 72
Decimal	1132596
CIELab	26.74, -23.31, 6.94
CIELCh	27, 24.319, 163.412
Yxy	5.0018, 0.2593, 0.4094
Android (android.graphics.Color)	4279322676 (0xFF114834)
YUV	53.2750, -0.6286, -31.8132
Hunter-Lab	22.3648, -13.8507, 4.9259

# Details

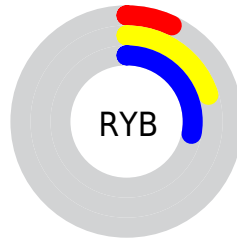
The Hex color **114834** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **481125**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **447962**, and **001E07** is the 20% darker color. If you saturate the color by 10%, you get **0A4831**, and if you desaturate by 10%, it is **184837**.

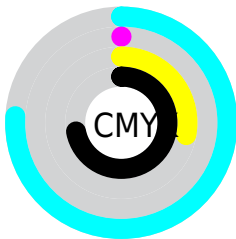
# Distribution



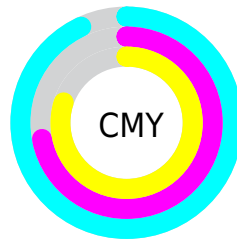
- Red (7%)
- Green (28%)
- Blue (20%)



- Red (7%)
- Yellow (20%)
- Blue (28%)



- Cyan (76%)
- Magenta (0%)
- Yellow (28%)
- Black (72%)



- Cyan (93%)
- Magenta (72%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 114834 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 114834 by changing the saturation by 10% instead.





114834



114834

FFFFFF



00311F



447962



001E07



5D937B



000000



77AE95



92C9B0



ADE5CB



C9FFE7



E5FFFF



114834



114834

■ 0A4831

■ 184837

■ 03482F

■ 1F4839

■ 00482E

■ 27483C

■ 2E483E

■ 354841

■ 3C4844

■ 434846

■ 4B4849

■ 52484C

# Harmonies

## Analogous

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



2E4523



114834



004947

# Triad

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



114834



303E63



5F3427

# Complementary

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



114834



481125

# 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.



623038



114834



4B375A

# Square

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



114834



004462



5C314A



533B1B

# Rectangle

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



114834



004853



5C314A



61322C



# Sweetspot

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



114834



495E56



254811



23302C



B0B0B0



303030



# Same Dimension

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



114834



085E3F



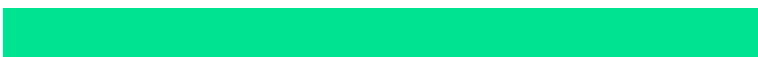
114148



202422



00633F



00E390



# Inverse Universe

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



481125



5E0827



481811



242021



630024

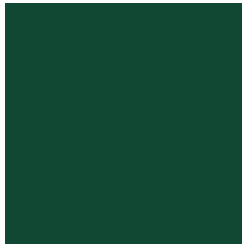


E30053



# Previews

## White Background



This preview shows how the Hex color 114834 looks on a white background.

## Color Contrast Check

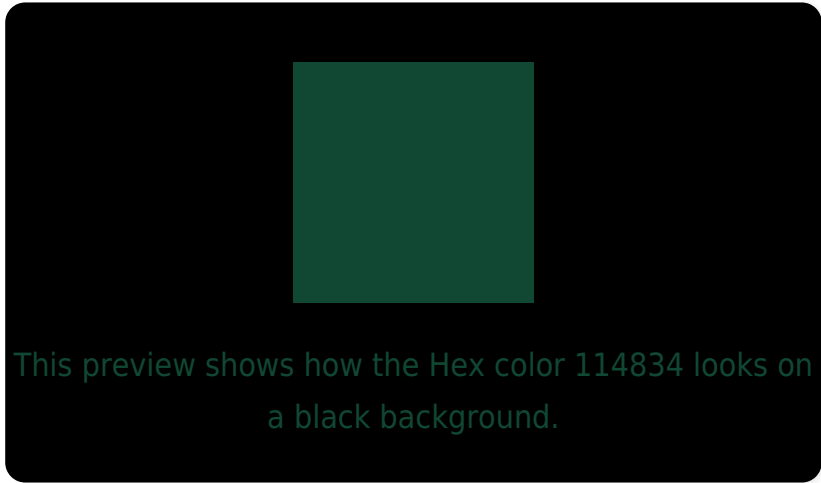
Large Text (above 18pt) WCAG AA ✓ Pass

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

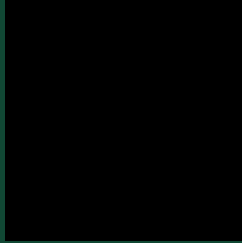
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 114834 Background



This preview shows how black text looks on a background with the Hex color 114834.



This preview shows how white text looks on a background with the Hex color 114834.

# 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](#).

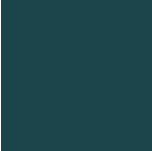
## Dichromacy



**Original Color**  
114834

**Protanopia**  
443F30

**Deuteranopia**  
483D36



**Tritanopia**  
1C454B

# Trichromacy



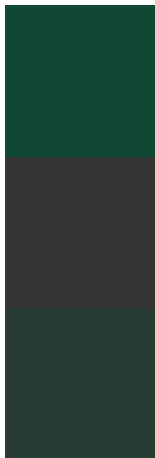
**Original Color**  
114834

**Protanomaly**  
314231

**Deuteranomaly**  
344135

**Tritanomaly**  
184643

# Monochromacy



**Original Color**  
114834

**Achromatopsia**  
353535

**Achromatomaly**  
283C35

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 114834 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 #114834 looks like.

```
.text, #text, p{  
    color:#114834  
}
```

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 #114834 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #114834
}
```

## Border

The CSS property to change the border of an element to Hex 114834 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".

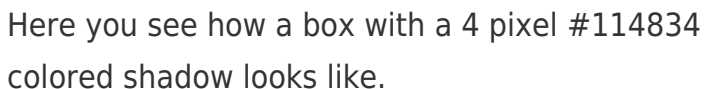
```
.border, #border, table{ border:4px solid
#114834 }
```

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

```
.border{ border-color:#114834 }
```

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

Here you see how a box with a 4 pixel #114834 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #114834; -webkit-box-shadow:4px 4px  
4px 4px #114834; box-shadow:4px 4px 4px  
4px #114834 }
```

# Background

The CSS property to change the background color of an element to Hex 114834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#114834 }
```

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

```
.background{ background-color:#114834 }
```

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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**[Learn more, Memberships starting at \\$2.50/m!](#)**

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