

# Converting Colors

HunterLab(102.9309, -10.0177,  
3.8412)

Have a look what the booklet for  
HunterLab(102.9309, -10.0177,  
3.8412) contains.

<b>HunterLab(99.5309, -6.9714, 4.8511)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(99.5309, -6.9714,  
4.8511)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAFFFF
RGB	250, 255, 255
RGB Percent	98%, 100%, 100%
CMY	0.0196, 0.0000, 0.0000
CMYK	0.02, 0.00, 0.00, 0.00
HSL	180°, 100%, 99%
HSV	180°, 2%, 100%
XYZ	93.2343, 99.0640, 108.8151
YIQ	253.5050, -2.9800, -1.0600

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	250, 253, 255
Decimal	16449535
CIE <sub>Lab</sub>	99.64, -1.63, -0.58
CIE <sub>LCh</sub>	100, 1.735, 199.677
Yxy	99.0643, 0.3096, 0.3290
Android (android.graphics.Color)	4294639615 (0xFFFAFFFF)
YUV	253.5050, 0.7370, -3.0739
Hunter-Lab	99.5309, -6.9714, 4.8511

# Details

The HunterLab color 99.5309, -6.9714, 4.8511 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98.2520, -3.5608, 5.9019, and the grayscale version is 99.3315, -5.3001, 5.3969.

A 20% lighter version of the original color is 100.0000, -5.3358, 5.4332, and 74.7895, -5.2572, 3.6390 is the 20% darker color. If you saturate the color by 10%, you get 97.2973, -14.8696, 2.0427, and if you desaturate by 10%, it is 100.0000, -5.3358, 5.4332.

# Distribution



- Red (98%)
- Green (100%)
- Blue (100%)



- Red (98%)
- Yellow (99%)
- Blue (100%)



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 99.5309, -6.9714, 4.8511 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 HunterLab color 99.5309, -6.9714, 4.8511 by changing the saturation by 10% instead.



99.5309, -6.9714,  
4.8511

99.5309, -6.9714,  
4.8511

236.0289,  
-14.8164, 12.0933

86.9035, -6.2227,  
4.1889

126.4389, -8.5463,  
6.2692

74.8604, -5.5022,  
3.5594

140.6763, -9.3720,  
7.0221

63.4316, -4.8103,  
2.9648

155.4113,  
-10.2221, 7.8028

52.6520, -4.1482,  
2.4072

170.6276,  
-11.0958, 8.6104

42.5634, -3.5170,  
1.8891

186.3105,  
-11.9927, 9.4440

33.2169, -2.9179,  
1.4140

202.4464,

24.6768, -2.3524,

-12.9121, 10.3028

0.9858

219.0230,  
-13.8535, 11.1861

■ 17.0281, -1.8214,  
0.6104

■ 10.3900, -1.3252,  
0.2961

■ 99.5309, -6.9714,  
4.8511

■ 99.5309, -6.9714,  
4.8511

■ 97.2973, -14.8696,  
2.0427

100.0000, -5.3358,  
5.4332

■ 95.3322, -21.9758,  
-0.4809

■ 93.6384, -28.2272,  
-2.6984

■ 92.2150, -33.5758,  
-4.5938

■ 91.0573, -37.9932,  
-6.1579

■ 90.1562, -41.4744,  
-7.3897

■ 89.4978, -44.0429,  
-8.2981

■ 89.0623, -45.7538,  
-8.9029

■ 88.8223, -46.7004,  
-9.2375

# Harmonies

## Analogous

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

99.5311, -7.0448, 5.7178

99.5309, -6.9714, 4.8511

99.5311, -6.4544, 4.1305

# Triad

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



99.5311, -6.9708, 4.8513



99.5311, -3.9682, 4.3263



99.5311, -4.9999, 7.0538

# Complementary

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



99.5309, -6.9714, 4.8511



98.2520, -3.5608, 5.9019

# 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.

99.5311, -4.1726, 6.6880

99.5309, -6.9714, 4.8511

99.5311, -3.5755, 5.1167

# Square

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



99.5311, -6.9708, 4.8513



99.5311, -4.7217, 3.8255



99.5311, -3.6504, 5.9809



99.5311, -5.9091, 6.9842



# Rectangle

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



99.5309, -6.9714, 4.8511



99.5311, -5.9277, 3.8320



99.5311, -3.6504, 5.9809



99.5311, -4.7030, 6.9778

# Sweetspot

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



99.5311, -6.9708, 4.8513



99.7595, -6.1734, 5.1351



99.3713, -7.8494, 7.1313



46.1588, -2.8370, 2.3825

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



99.5311, -6.9708, 4.8513



99.5216, -7.0038, 4.8396



98.7320, -5.6514, 3.9260



46.0541, -3.2024, 2.2525



64.1431, -34.0056, -6.7650



20.0150, -10.6110, -2.1109



# Inverse Universe

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



98.4136, -2.6791, 3.5979



98.3814, -2.6249, 3.5605



99.0445, -4.8859, 6.8037



45.5527, -1.2767, 1.6903



38.5764, 75.8426, -50.8800



12.0372, 23.6656, -15.8764



# Previews

## White Background



This preview shows how the HunterLab color 09.5309 (L: 89.14, a: 85.11) looks on a white 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



# Black Background



This preview shows how the HunterLab color 99.5309, -6.9714, 4.8511 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

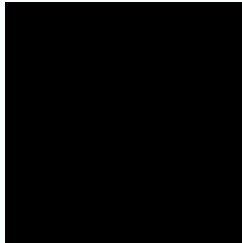
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# HunterLab 99.5309, -6.9714, 4.8511 Background



This preview shows how black text looks on a background with the HunterLab color 99.5309, -6.9714, 4.8511.



# 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

99.5309, -6.9714, 4.8511

### Protanopia

99.6491, -4.9818, 5.5265

### Deuteranopia

99.6491, -4.9818, 5.5265

# Tritanopia

99.5864, -5.1353, 4.9488

# Trichromacy

## Original Color

99.5309, -6.9714, 4.8511

## Protanomaly

99.4596, -5.6410, 5.2918

## Deuteranomaly

99.4596, -5.6410, 5.2918

## Tritanomaly

99.4918, -5.4641, 4.8313

# Monochromacy

## Original Color

99.5309, -6.9714, 4.8511

## Achromatopsia

99.5541, -5.3120, 5.4090

## Achromatomaly

99.4596, -5.6410, 5.2918

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 99.5309, -6.9714, 4.8511 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text is the color `rgb(250, 255, 255)` using CSS.

```
.text, #text, p{  
    color:rgb(250, 255, 255)  
}
```

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 rgb(250, 255, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 255, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 99.5309, -6.9714, 4.8511 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 rgb(250, 255, 255) }
```



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

```
.border{ border-color:rgb(250, 255, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 255, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 255, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 255, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 255,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 99.5309, -6.9714, 4.8511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 255, 255) }
```

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

```
.background{ background-color: rgb(250,  
255, 255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

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

**Follow me  
on Twitter!**

@ConvertingColor