

# Converting Colors

HunterLab(97.1782, -4.9547,  
4.8671)

Have a look what the booklet for  
HunterLab(97.1782, -4.9547, 4.8671)  
contains.

<b>HunterLab(97.3297, -5.1933, 5.2881)</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> .....	23
<b><i>Color Blindness Simulation</i></b> .....	27
<b><i>CSS Examples</i></b> .....	30

# Color

**HunterLab(97.3297, -5.1933,  
5.2881)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9F9F9
RGB	249, 249, 249
RGB Percent	98%, 98%, 98%
CMY	0.0235, 0.0235, 0.0235
CMYK	0.00, 0.00, 0.00, 0.02
HSL	123°, 0%, 98%
HSV	123°, 0%, 98%
XYZ	90.0415, 94.7307, 103.1618
YIQ	249.0000, -0.0000, -0.0000

# Conversions

## Conversions Part 2

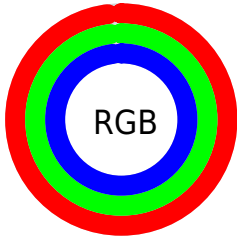
Format	Color
<b>R<sub>YB</sub></b>	249, 249, 249
Decimal	16382457
CIE <sub>Lab</sub>	97.93, 0.00, -0.01
CIE <sub>LCh</sub>	98, 0.009, 288.867
Y <sub>xy</sub>	94.7348, 0.3127, 0.3290
Android (android.graphics.Color)	4294572537 (0xFFFF9F9F9)
YUV	249.0000, 0.0000, 0.0000
Hunter-Lab	97.3297, -5.1933, 5.2881

# Details

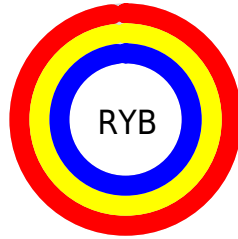
The HunterLab color 97.3297, -5.1933, 5.2881 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97.3309, -5.1911, 5.2867, and the grayscale version is 97.3316, -5.1934, 5.2882.

A 20% lighter version of the original color is 100.0000, -5.3358, 5.4332, and 73.0258, -3.8965, 3.9676 is the 20% darker color. If you saturate the color by 10%, you get 94.3737, -17.1262, 13.0244, and if you desaturate by 10%, it is 98.0995, -2.1482, 3.2312.

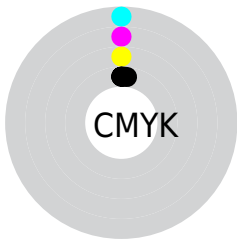
# Distribution



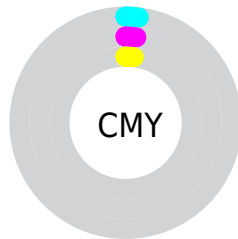
- Red (98%)
- Green (98%)
- Blue (98%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 97.3297, -5.1933, 5.2881 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 97.3297, -5.1933, 5.2881 by changing the saturation by 10% instead.



97.3297, -5.1933,  
5.2881

97.3297, -5.1933,  
5.2881

233.0913,  
-12.4456, 12.6766

84.8023, -4.5265,  
4.6080

124.0557, -6.6227,  
6.7436

72.8619, -3.8889,  
3.9585

138.2063, -7.3784,  
7.5135

61.5415, -3.2844,  
3.3427

152.8574, -8.1608,  
8.3107

50.8769, -2.7150,  
2.7626

167.9925, -8.9690,  
9.1342

40.9112, -2.1829,  
2.2206

183.5966, -9.8024,  
9.9833

31.6976, -1.6909,  
1.7196

199.6560,

23.3032, -1.2428,

-10.6600, 10.8572

1.2633

216.1581,  
-11.5413, 11.7551

■ 15.8175, -0.8432,  
0.8564

■ 9.3680, -0.4990,  
0.5061

■ 97.3297, -5.1933,  
5.2881

■ 97.3297, -5.1933,  
5.2881

■ 94.3737, -17.1262,  
13.0244

■ 98.0995, -2.1482,  
3.2312

■ 91.7374, -28.0994,  
20.1890

■ 89.4330, -37.9790,  
26.6936

■ 87.4667, -46.6402,  
32.4548

■ 85.8398, -53.9821,  
37.4021

■ 84.5471, -59.9389,  
41.4857

■ 83.5766, -64.4914,  
44.6837

■ 82.9077, -67.6772,  
47.0079

■ 82.5099, -69.6003,  
48.5088

# Harmonies

## Analogous

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



97.3318, -5.2004, 5.2893



97.3297, -5.1933, 5.2881



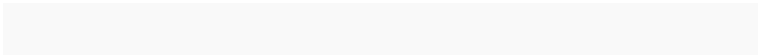
97.3318, -5.1916, 5.2922

# Triad

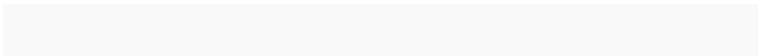
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



97.3318, -5.1956, 5.2897



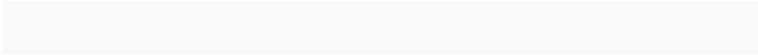
97.3318, -5.1925, 5.3047



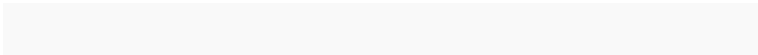
97.3318, -5.2077, 5.2997

# Complementary

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



97.3297, -5.1933, 5.2881



97.3309, -5.1911, 5.2867

# 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.

97.3318, -5.2056, 5.3039

97.3297, -5.1933, 5.2881

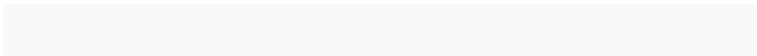
97.3318, -5.1968, 5.3067

# Square

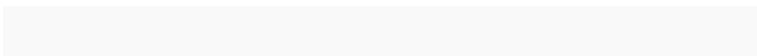
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



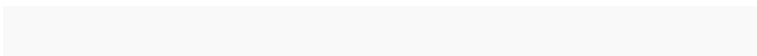
97.3318, -5.1956, 5.2897



97.3318, -5.1898, 5.3009



97.3318, -5.2016, 5.3064



97.3318, -5.2074, 5.2952



# Rectangle

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



97.3297, -5.1933, 5.2881



97.3318, -5.1899, 5.2948



97.3318, -5.2016, 5.3064



97.3318, -5.2073, 5.3012

# Sweetspot

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



97.3318, -5.1956, 5.2897

100.0000, -5.3358, 5.4332



97.3322, -5.1942, 5.2902

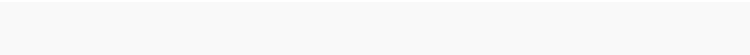


46.2646, -2.4686, 2.5136

0.0000, NaN, NaN

# Same Dimension

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



97.3318, -5.1956, 5.2897

100.0000, -5.3358, 5.4332



97.3319, -5.1952, 5.2887



45.2661, -2.4153, 2.4594



60.2362, -51.5475, 35.9862

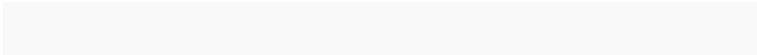


18.3429, -15.6172, 10.7860



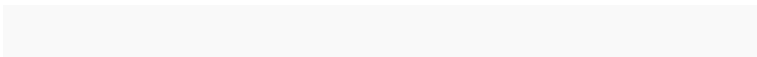
# Inverse Universe

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



97.3309, -5.1911, 5.2867

100.0000, -5.3358, 5.4332



97.3309, -5.1915, 5.2877



45.2661, -2.4153, 2.4594



37.5510, 73.1491, -44.2760

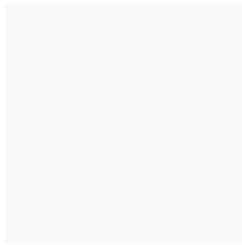


11.4449, 22.3205, -13.6953



# Previews

## White Background



This preview shows how the HunterLab color 97.3297, -5.1933, 5.2881 looks on a white background.

## Color Contrast Check

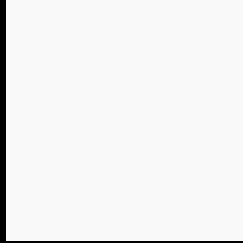
Large Text (above 18pt) WCAG AA × Fail

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 97.3297, -5.1933, 5.2881 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

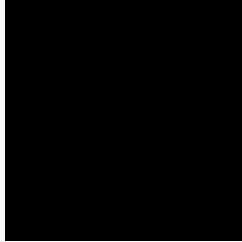
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

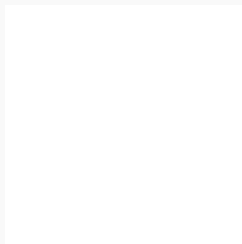
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# HunterLab 97.3297, -5.1933, 5.2881 Background



This preview shows how black text looks on a background with the HunterLab color 97.3297, -5.1933, 5.2881.



This preview shows how white text looks on a background with the HunterLab color 97.3297, -5.1933, 5.2881.

5.2831.

# 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**

97.3297, -5.1933, 5.2881

**Protanopia**

97.3626, -3.5152, 5.8529

**Deuteranopia**

97.2734, -2.1399, 5.2753

## **Tritanopia**

97.3030, -3.2665, 2.2528

# Trichromacy

## Original Color

97.3297, -5.1933, 5.2881

## Protanomaly

97.2664, -3.8482, 5.7343

## Deuteranomaly

97.3946, -3.3407, 5.3969

## Tritanomaly

97.2372, -3.6262, 3.1908

# Monochromacy

## Original Color

97.3297, -5.1933, 5.2881

## Achromatopsia

97.3297, -5.1933, 5.2881

## Achromatomaly

97.3297, -5.1933, 5.2881

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 97.3297, -5.1933, 5.2881 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 `rgb(249, 249, 249)` looks like.

```
.text, #text, p{  
    color:rgb(249, 249, 249)  
}
```

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(249, 249, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 249, 249) }
```

## Border

The CSS property to change the border of an element to HunterLab 97.3297, -5.1933, 5.2881 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(249, 249, 249) }
```

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

```
.border{ border-color:rgb(249, 249, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 249, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 249, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 249, 249);  
box-shadow:4px 4px 4px 4px rgb(249, 249,  
249) }
```



# Background

The CSS property to change the background color of an element to HunterLab 97.3297, -5.1933, 5.2881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 249, 249) }
```

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

```
.background{ background-color: rgb(249,  
249, 249) }
```

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