

# Converting Colors

HunterLab(98.8037, -5.0814,  
7.8190)

Have a look what the booklet for  
HunterLab(98.8037, -5.0814, 7.8190)  
contains.

<b>HunterLab(98.7908, -5.1380, 7.9732)</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(98.7908, -5.1380,  
7.9732)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFFCF7
RGB	255, 252, 247
RGB Percent	100%, 99%, 97%
CMY	0.0000, 0.0117, 0.0314
CMYK	0.00, 0.01, 0.03, 0.00
HSL	38°, 100%, 98%
HSV	38°, 3%, 100%
XYZ	92.8389, 97.5962, 101.9406
YIQ	252.3270, 3.3930, -0.9190

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	252, 255, 247
Decimal	16776439
CIE Lab	99.06, 0.13, 2.73
CIE LCh	99, 2.733, 87.194
Yxy	97.6001, 0.3175, 0.3338
Android (android.graphics.Color)	4294966519 (0xFFFFFCF7)
YUV	252.3270, -2.6262, 2.3442
Hunter-Lab	98.7908, -5.1380, 7.9732

# Details

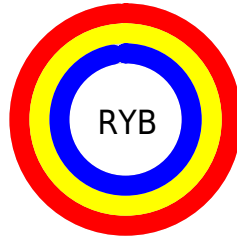
The HunterLab color 98.7908, -5.1380, 7.9732 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97.6540, -5.3018, 2.6407, and the grayscale version is 98.8208, -5.2728, 5.3691.

A 20% lighter version of the original color is 100.0000, -5.3358, 5.4332, and 74.0254, -3.6540, 6.0715 is the 20% darker color. If you saturate the color by 10%, you get 95.0190, -4.2611, 15.5722, and if you desaturate by 10%, it is 100.0000, -5.3358, 5.4332.

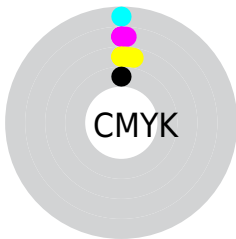
# Distribution



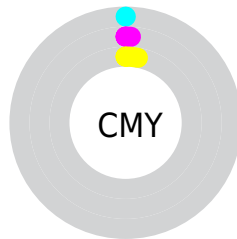
- Red (100%)
- Green (99%)
- Blue (97%)



- Red (99%)
- Yellow (100%)
- Blue (97%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (0%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 98.7908, -5.1380, 7.9732 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 98.7908, -5.1380, 7.9732 by changing the saturation by 10% instead.



98.7908, -5.1380,  
7.9732

98.7908, -5.1380,  
7.9732

235.0438,  
-12.3728, 16.2821

86.1980, -4.4743,  
7.1703

125.6392, -6.5635,  
9.6583

74.1892, -3.8392,  
6.3920

139.8476, -7.3171,  
10.5366

62.7966, -3.2374,  
5.6403

154.5545, -8.0974,  
11.4384

52.0553, -2.6707,  
4.9157

169.7437, -8.9037,  
12.3631

42.0078, -2.1416,  
4.2188

185.4002, -9.7351,  
13.3104

32.7055, -1.6529,  
3.5499

201.5106,

24.2139, -1.2083,

-10.5908, 14.2796

2.9086

218.0622,  
-11.4703, 15.2703

■ 16.6194, -0.8127,  
2.2935

■ 10.0439, -0.4731,  
1.7075

■ 98.7908, -5.1380,  
7.9732

■ 98.7908, -5.1380,  
7.9732

■ 95.0190, -4.2611,  
15.5722

100.0000, -5.3358,  
5.4332

■ 91.3650, -2.9692,  
22.3556

■ 87.8377, -1.2434,  
28.2649

■ 84.4446, 0.9355,  
33.2418

■ 81.1928, 3.5819,  
37.2330

■ 78.0893, 6.7030,  
40.1949

■ 75.1402, 10.2954,  
42.1024

■ 72.3501, 14.3405,  
42.9598

■ 69.7210, 18.7975,  
42.8221

# Harmonies

## Analogous

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



98.7928, -3.7707, 7.5678



98.7908, -5.1380, 7.9732



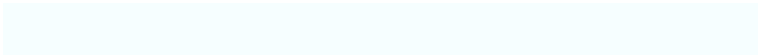
98.7928, -6.5399, 7.6938

# Triad

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



98.7928, -5.1409, 7.9746



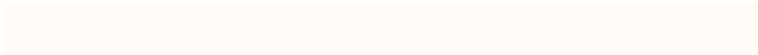
98.7928, -7.7295, 4.1652



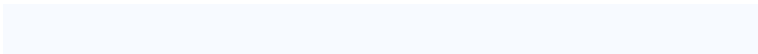
98.7928, -2.9365, 3.9386

# Complementary

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



98.7908, -5.1380, 7.9732



97.6540, -5.3018, 2.6407

# 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.



98.7928, -4.0069, 3.0039



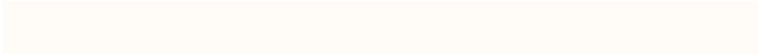
98.7908, -5.1380, 7.9732



98.7928, -6.7736, 3.1360

# Square

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



98.7928, -5.1409, 7.9746



98.7928, -8.0294, 5.5065



98.7928, -5.4122, 2.7081



98.7928, -2.4934, 5.2484



# Rectangle

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



98.7908, -5.1380, 7.9732



98.7928, -7.3016, 7.1522



98.7928, -5.4122, 2.7081



98.7928, -3.2352, 3.5694

# Sweetspot

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



98.7928, -5.1409, 7.9746



99.6139, -5.2777, 6.2514



97.3083, -1.9538, 4.7861



46.0948, -2.4431, 2.8735

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

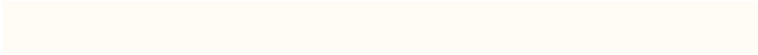


# Same Dimension

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



98.7928, -5.1409, 7.9746



98.4624, -5.0806, 8.6612



99.6589, -7.0305, 8.9342



45.4204, -2.3251, 4.2817



49.4571, 15.3172, 30.7434

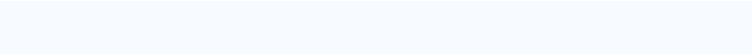


16.0984, 3.4633, 9.9804

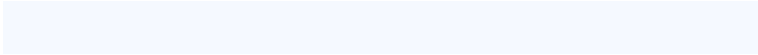


# Inverse Universe

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



97.6540, -5.3018, 2.6407



97.0114, -5.2854, 1.8644



96.7922, -3.4127, 1.6312



44.6234, -2.4375, 0.5485



28.9042, 21.8108, -83.2108



10.0746, 4.3775, -22.0421



# Previews

## White Background



This preview shows how the HunterLab color 98.7908, -5.1380, 7.9732 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

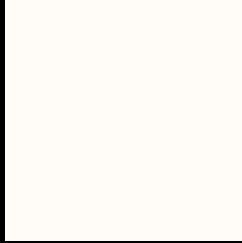
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 98.7908, -5.1380, 7.9732 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

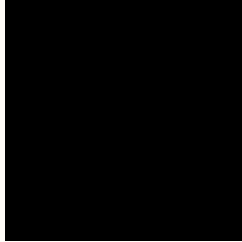
Any Text WCAG AA ✓ Pass

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 98.7908, -5.1380, 7.9732 Background



This preview shows how black text looks on a background with the HunterLab color 98.7908, -5.1380, 7.9732.



This preview shows how white text looks on a background with the HunterLab color 98.7908, -5.1380, 7.9732.



# 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

98.7908, -5.1380, 7.9732

### Protanopia

98.8853, -4.6209, 6.6239

### Deuteranopia

98.9490, -4.2721, 5.7138

## Tritanopia

98.8552, -4.4038, 4.0945

# Trichromacy

## Original Color

98.7908, -5.1380, 7.9732

## Protanomaly

98.8536, -4.7941, 7.0758

## Deuteranomaly

98.8853, -4.6209, 6.6239

## Tritanomaly

98.8534, -4.6040, 5.5956

# Monochromacy

## Original Color

98.7908, -5.1380, 7.9732

## Achromatopsia

98.6633, -5.2644, 5.3606

## Achromatomaly

98.6943, -5.2847, 6.3896

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 98.7908, -5.1380, 7.9732 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(255, 252, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 247)  
}
```

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(255, 252, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 247) }
```

## Border

The CSS property to change the border of an element to HunterLab 98.7908, -5.1380, 7.9732 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(255, 252, 247) }
```



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

```
.border{ border-color:rgb(255, 252, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 252, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
247) }
```

# Background

The CSS property to change the background color of an element to HunterLab 98.7908, -5.1380, 7.9732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 247) }
```

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

```
.background{ background-color: rgb(255,  
252, 247) }
```

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