

# Converting Colors

HunterLab(98.7376, -0.7630,  
5.6768)

Have a look what the booklet for  
HunterLab(98.7376, -0.7630, 5.6768)  
contains.

<b>HunterLab(97.9998, -2.6778, 4.6223)</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(97.9998, -2.6778,  
4.6223)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF9FC
RGB	255, 249, 252
RGB Percent	100%, 98%, 99%
CMY	0.0000, 0.0235, 0.0118
CMYK	0.00, 0.02, 0.01, 0.00
HSL	330°, 100%, 99%
HSV	330°, 2%, 100%
XYZ	92.6863, 96.0396, 105.7478
YIQ	251.1360, 2.6130, 2.2050

# Conversions

## Conversions Part 2

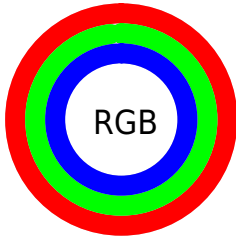
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">255, 249, 252</a>
Decimal	<a href="#">16775676</a>
CIELab	<a href="#">98.45, 2.51, -0.74</a>
CIELCh	<a href="#">98, 2.618, 343.670</a>
Yxy	<a href="#">96.0435, 0.3148, 0.3261</a>
Android (android.graphics.Color)	<a href="#">4294965756 (0xFFFFF9FC)</a>
YUV	<a href="#">251.1360, 0.4260, 3.3887</a>
Hunter-Lab	<a href="#">97.9998, -2.6778, 4.6223</a>

# Details

The HunterLab color 97.9998, -2.6778, 4.6223 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 99.3425, -7.8231, 6.1105, and the grayscale version is 98.2779, -5.2439, 5.3396.

A 20% lighter version of the original color is 100.0000, -5.3358, 5.4332, and 73.5431, -1.9813, 3.6586 is the 20% darker color. If you saturate the color by 10%, you get 89.7512, 8.7632, 1.3859, and if you desaturate by 10%, it is 100.0000, -5.3358, 5.4332.

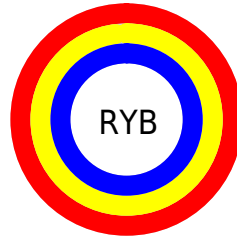
# Distribution



Red (100%)

Green (98%)

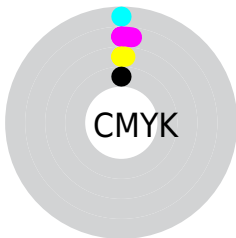
Blue (99%)



Red (100%)

Yellow (98%)

Blue (99%)

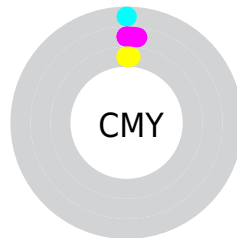


Cyan (0%)

Magenta (2%)

Yellow (1%)

Black (0%)



Cyan (0%)

Magenta (2%)


Yellow (1%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 97.9998, -2.6778, 4.6223 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 97.9998, -2.6778, 4.6223 by changing the saturation by 10% instead.




 97.9998, -2.6778,  
4.6223

 97.9998, -2.6778,  
4.6223


233.9872, -9.0920,  
11.7881

 85.4422, -2.1228,  
3.9716


124.7820, -3.8990,  
6.0223

 73.4704, -1.6018,  
3.3530


138.9591, -4.5560,  
6.7660

 62.1167, -1.1201,  
2.7698


153.6359, -5.2432,  
7.5379

 51.4169, -0.6809,  
2.2243

168.7959, -5.9592,  
8.3370

 41.4135, -0.2880,  
1.7193

184.4241, -6.7030,  
9.1623

 32.1591, 0.0536,  
1.2582

200.5069, -7.4736,

 23.7199, 0.3373,

10.0131

0.8456

217.0318, -8.2702,  
10.8886

■ 16.1841, 0.5533,  
0.4876

■ 9.6765, 0.6857,  
0.1937

■ 97.9998, -2.6778,  
4.6223

■ 97.9998, -2.6778,  
4.6223

■ 89.7512, 8.7632,  
1.3859

100.0000, -5.3358,  
5.4332

■ 81.9566, 20.4262,  
-1.4486

■ 74.6991, 32.2291,  
-3.7606

■ 68.0774, 43.9925,  
-5.3950

■ 62.2081, 55.3807,  
-6.1635

■ 57.2192, 65.8508,  
-5.8640

■ 53.2334, 74.6572,  
-4.3328

■ 50.3367, 80.9902,  
-1.5294

■ 48.5334, 84.2902,  
2.3774

# Harmonies

## Analogous

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



98.0018, -3.3995, 3.4952



97.9998, -2.6778, 4.6223



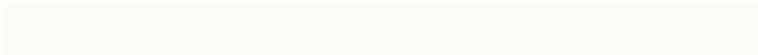
98.0018, -2.6485, 5.9278

# Triad

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



98.0018, -2.6807, 4.6237



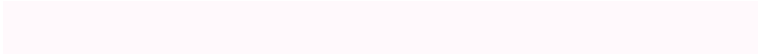
98.0018, -5.8593, 7.7503



98.0018, -7.1421, 3.5795

# Complementary

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



97.9998, -2.6778, 4.6223



99.3425, -7.8231, 6.1105

# 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.



98.0018, -7.7937, 4.7374



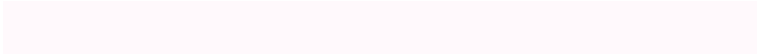
97.9998, -2.6778, 4.6223



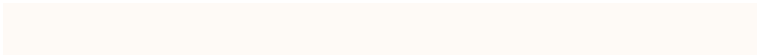
98.0018, -7.0558, 7.1388

# Square

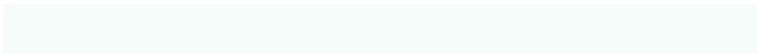
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



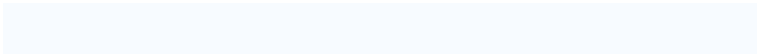
98.0018, -2.6807, 4.6237



98.0018, -4.4889, 7.7208



98.0018, -7.7622, 6.0400



98.0018, -5.9777, 2.8867

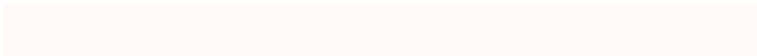


# Rectangle

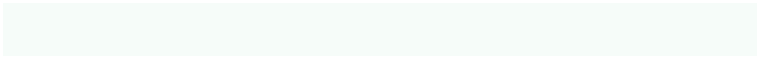
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97.9998, -2.6778, 4.6223



98.0018, -3.0212, 6.7206



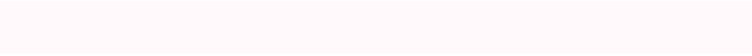
98.0018, -7.7622, 6.0400



98.0018, -7.4281, 3.9279

# Sweetspot

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



98.0018, -2.6807, 4.6237



99.1473, -4.2078, 5.0868



97.8116, -3.1419, 2.8681



45.8896, -1.9726, 2.3613

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

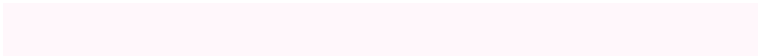


# Same Dimension

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



98.0018, -2.6807, 4.6237



97.4535, -1.9448, 4.4031



97.9056, -3.2054, 5.9959



44.7743, -0.4787, 1.9119



34.5625, 61.6105, 3.5648

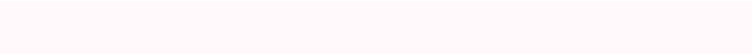


10.8865, 19.5944, -0.3371

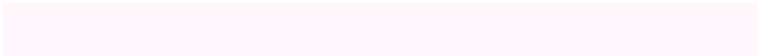


# Inverse Universe

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



98.0018, -2.6807, 4.6237



97.4535, -1.9448, 4.4031



99.4388, -7.2933, 4.7366



44.7743, -0.4787, 1.9119



34.5625, 61.6105, 3.5648



10.8865, 19.5944, -0.3371



# Previews

## White Background



This preview shows how the HunterLab color 97.9998, -2.6778, 4.6223 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

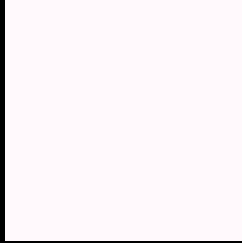
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 97.9998, -2.6778, 4.6223 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

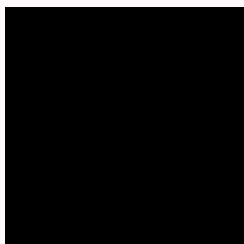
Any Text WCAG AA ✓ Pass

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 97.9998, -2.6778, 4.6223 Background



This preview shows how black text looks on a background with the HunterLab color 97.9998, -2.6778, 4.6223.



This preview shows how white text looks on a background with the HunterLab color 97.9998, -2.6778, 4.6223.



# 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

97.9998, -2.6778, 4.6223

### Protanopia

97.9033, -3.0113, 4.5020

### Deuteranopia

97.9675, -2.8537, 5.0825

## **Tritanopia**

98.1258, -3.6713, 3.2360

# Trichromacy

## Original Color

97.9998, -2.6778, 4.6223

## Protanomaly

97.9033, -3.0113, 4.5020

## Deuteranomaly

97.9675, -2.8537, 5.0825

## Tritanomaly

98.1884, -3.5199, 3.8221

# Monochromacy

## Original Color

97.9998, -2.6778, 4.6223

## Achromatopsia

98.2184, -5.2407, 5.3364

## Achromatomaly

97.9958, -4.3819, 5.0890

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 97.9998, -2.6778, 4.6223 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, 249, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 252)  
}
```

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, 249, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 252) }
```

## Border

The CSS property to change the border of an element to HunterLab 97.9998, -2.6778, 4.6223 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, 249, 252) }
```



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

```
.border{ border-color:rgb(255, 249, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 249, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
252) }
```

# Background

The CSS property to change the background color of an element to HunterLab 97.9998, -2.6778, 4.6223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 249, 252) }
```

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

```
.background{ background-color: rgb(255,  
249, 252) }
```

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