

# Converting Colors

HunterLab(100.8190, 13.6071,  
-43.3122)

Have a look what the booklet for  
HunterLab(100.8190, 13.6071,  
-43.3122) contains.

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# Color

**HunterLab(97.5249, -4.1247,  
2.5057)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | F9F9FF                     |
| RGB         | 249, 249, 255              |
| RGB Percent | 98%, 98%, 100%             |
| CMY         | 0.0235, 0.0235, 0.0000     |
| CMYK        | 0.02, 0.02, 0.00, 0.00     |
| HSL         | 240°, 100%, 99%            |
| HSV         | 240°, 2%, 100%             |
| XYZ         | 90.9926, 95.1111, 108.1701 |
| YIQ         | 249.6840, -1.9260, 1.8660  |

# Conversions

## Conversions Part 2

| Format                              | Color                        |
|-------------------------------------|------------------------------|
| R <sub>Y</sub> B                    | 249, 249, 255                |
| Decimal                             | 16382463                     |
| CIE Lab                             | 98.08, 1.07, -2.87           |
| CIE LCh                             | 98, 3.067, 290.407           |
| Yxy                                 | 95.1150, 0.3092,<br>0.3232   |
| Android<br>(android.graphics.Color) | 4294572543<br>(0xFFFF9F9FF)  |
| YUV                                 | 249.6840, 2.6208,<br>-0.5999 |
| Hunter-Lab                          | 97.5249, -4.1247,<br>2.5057  |

# Details

The HunterLab color 97.5249, -4.1247, 2.5057 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 99.8084, -6.3774, 8.1497, and the grayscale version is 97.6246, -5.2090, 5.3041.

A 20% lighter version of the original color is 100.0000, -5.3358, 5.4332, and 73.1810, -3.0470, 1.7556 is the 20% darker color. If you saturate the color by 10%, you get 87.2027, 1.2525, -10.5690, and if you desaturate by 10%, it is 100.0000, -5.3358, 5.4332.

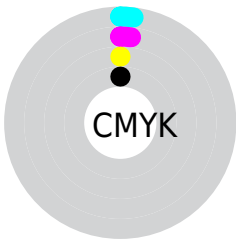
# Distribution



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



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



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



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

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 97.5249, -4.1247, 2.5057 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 97.5249, -4.1247, 2.5057 by changing the saturation by 10% instead.



97.5249, -4.1247,  
2.5057

97.5249, -4.1247,  
2.5057

233.3523,  
-11.0181, 8.9802

84.9887, -3.5058,  
1.9474

124.2673, -5.4648,  
3.7346

73.0391, -2.9182,  
1.4246

138.4256, -6.1783,  
4.3970

61.7090, -2.3665,  
0.9422

153.0842, -6.9199,  
5.0903

51.0341, -1.8530,  
0.5033

168.2266, -7.6886,  
5.8132

41.0574, -1.3808,  
0.1120

183.8377, -8.4836,  
6.5645

31.8319, -0.9535,  
-0.2268

199.9039, -9.3040,

23.4244, -0.5763,

7.3434

-0.5063

216.4126,  
-10.1491, 8.1489

■ 15.9240, -0.2562,  
-0.7168

■ 9.4577, -0.0041,  
-0.8431

■ 97.5249, -4.1247,  
2.5057

■ 97.5249, -4.1247,  
2.5057

■ 87.2027, 1.2525,  
-10.5690

100.0000, -5.3358,  
5.4332

■ 77.2221, 7.1176,  
-24.9300

■ 67.6499, 13.6273,  
-40.9923

■ 58.5780, 20.9870,  
-59.2949

■ 50.1401, 29.4337,  
-80.4611

■ 42.5352, 39.1499,  
-104.9786

■ 36.0553, 49.9860,  
-132.4825

■ 31.0896, 60.8597,  
-160.2008

■ 28.0213, 69.2732,  
-181.7001

# Harmonies

## Analogous

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



97.5269, -5.7244, 2.3601



97.5249, -4.1247, 2.5057



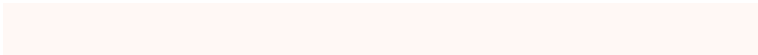
97.5269, -2.8120, 3.4131

# Triad

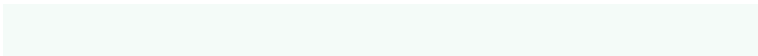
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



97.5269, -4.1272, 2.5081



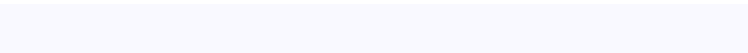
97.5269, -3.2282, 7.5508



97.5269, -8.2427, 5.7981

# Complementary

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



97.5249, -4.1247, 2.5057



99.8084, -6.3774, 8.1497

# 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.



97.5269, -7.5831, 7.1669



97.5249, -4.1247, 2.5057



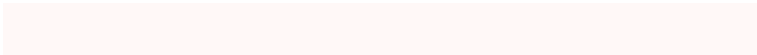
97.5269, -4.6926, 8.1680

# Square

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



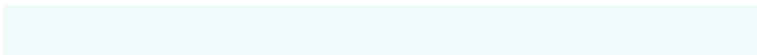
97.5269, -4.1272, 2.5081



97.5269, -2.2906, 6.3299



97.5269, -6.2861, 8.0286



97.5269, -8.0935, 4.2762



# Rectangle

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



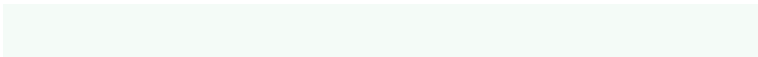
97.5249, -4.1247, 2.5057



97.5269, -2.2754, 4.3160



97.5269, -6.2861, 8.0286



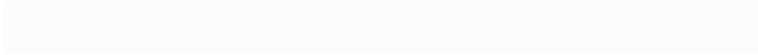
97.5269, -8.1084, 6.2910

# Sweetspot

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



97.5269, -4.1272, 2.5081



98.9467, -4.8243, 4.1959



99.4352, -7.3124, 4.7823



45.8014, -2.2437, 1.9697

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



97.5269, -4.1272, 2.5081



96.8487, -3.7909, 1.6933



97.8005, -3.1734, 2.8542



44.4191, -1.5603, 0.3142



19.4304, 52.6536, -137.9504

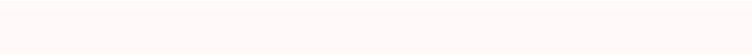


6.0684, 16.4058, -43.0005



# Inverse Universe

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



97.9042, -3.2032, 5.9945



97.3310, -2.6122, 6.1506



99.5359, -7.3360, 7.8193



44.7026, -0.8690, 2.9354



33.3303, 57.0800, 21.5307

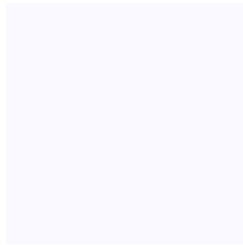


10.4006, 17.8122, 6.7136



# Previews

## White Background



This preview shows how the HunterLab color 97.5249, -4.1247, 2.5057 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

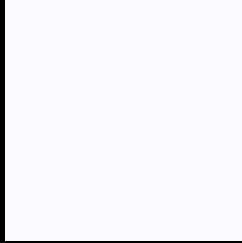
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 97.5249, -4.1247, 2.5057 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 97.5249, -4.1247, 2.5057 Background



This preview shows how black text looks on a background with the HunterLab color 97.5249, -4.1247, 2.5057.



This preview shows how white text looks on a background with the HunterLab color 97.5249, -4.1247, 2.5057.



# 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**

97.5249, -4.1247, 2.5057

**Protanopia**

97.4608, -2.7873, 2.9638

**Deuteranopia**

97.3378, -1.7888, 4.3558

## Tritanopia

97.6193, -3.7975, 2.6252

# Trichromacy

## Original Color

97.5249, -4.1247, 2.5057

## Protanomaly

97.3652, -3.1176, 2.8431

## Deuteranomaly

97.4914, -2.8123, 4.0161

## Tritanomaly

97.6193, -3.7975, 2.6252

# Monochromacy

## Original Color

97.5249, -4.1247, 2.5057

## Achromatopsia

97.7739, -5.2170, 5.3122

## Achromatomaly

97.8384, -4.8638, 4.3926

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 97.5249, -4.1247, 2.5057 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(249, 249, 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(249, 249, 255) colored shadow looks like.

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

## Border

The CSS property to change the border of an element to HunterLab 97.5249, -4.1247, 2.5057 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, 255) }
```



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

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

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, 255) colored shadow looks like.

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

# Background

The CSS property to change the background color of an element to HunterLab 97.5249, -4.1247, 2.5057 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, 255) }
```

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

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

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