

# Converting Colors

HunterLab(97.8360, -5.8400,  
2.8502)

Have a look what the booklet for  
HunterLab(97.8360, -5.8400, 2.8502)  
contains.

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# Color

**HunterLab(97.9737, -5.8328,  
3.0158)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7FBFF
RGB	247, 251, 255
RGB Percent	97%, 98%, 100%
CMY	0.0314, 0.0157, 0.0000
CMYK	0.03, 0.02, 0.00, 0.00
HSL	210°, 100%, 98%
HSV	210°, 3%, 100%
XYZ	90.9049, 95.9885, 108.3441
YIQ	250.2600, -3.6680, 0.3960

# Conversions

## Conversions Part 2

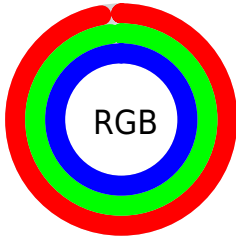
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	247, 250, 255
Decimal	16251903
CIE Lab	98.43, -0.60, -2.38
CIE LCh	98, 2.452, 255.920
Yxy	95.9924, 0.3079, 0.3251
Android (android.graphics.Color)	4294441983 (0xFF7FBFF)
YUV	250.2600, 2.3368, -2.8590
Hunter-Lab	97.9737, -5.8328, 3.0158

# Details

The HunterLab color 97.9737, -5.8328, 3.0158 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98.4720, -4.6066, 7.6143, and the grayscale version is 97.8823, -5.2228, 5.3181.

A 20% lighter version of the original color is 100.0000, -5.3358, 5.4332, and 73.6096, -4.6738, 2.2433 is the 20% darker color. If you saturate the color by 10%, you get 91.6398, -7.1220, -4.8670, and if you desaturate by 10%, it is 100.0000, -5.3358, 5.4332.

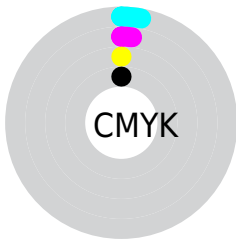
# Distribution



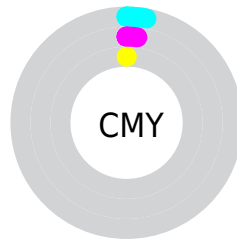
- Red (97%)
- Green (98%)
- Blue (100%)



- Red (97%)
- Yellow (98%)
- Blue (100%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 97.9737, -5.8328, 3.0158 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 97.9737, -5.8328, 3.0158 by changing the saturation by 10% instead.



97.9737, -5.8328,  
3.0158

97.9737, -5.8328,  
3.0158

233.9524,  
-13.3011, 9.6569

85.4174, -5.1376,  
2.4355

124.7538, -7.3162,  
4.2861

73.4468, -4.4699,  
1.8897

138.9299, -8.0972,  
4.9681

62.0944, -3.8337,  
1.3830

153.6057, -8.9042,  
5.6803

51.3959, -3.2306,  
0.9186

168.7647, -9.7362,  
6.4215

41.3940, -2.6624,  
0.4999

184.3919,  
-10.5925, 7.1907

32.1411, -2.1315,  
0.1318

200.4738,

23.7037, -1.6406,

-11.4725, 7.9868

-0.1796

216.9978,  
-12.3756, 8.8092

■ 16.1698, -1.1931,  
-0.4254

■ 9.6645, -0.7932,  
-0.5915

■ 97.9737, -5.8328,  
3.0158

■ 97.9737, -5.8328,  
3.0158

■ 91.6398, -7.1220,  
-4.8670

100.0000, -5.3358,  
5.4332

■ 85.4971, -7.8879,  
-13.0631

■ 79.5687, -8.0521,  
-21.6073

■ 73.8787, -7.5207,  
-30.5336

■ 68.4549, -6.1890,  
-39.8683

■ 63.3283, -3.9451,  
-49.6212

■ 58.5329, -0.6807,  
-59.7757

■ 54.1024, 3.6889,  
-70.2769

■ 50.0648, 9.1893,  
-81.0301

# Harmonies

## Analogous

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



97.9757, -6.9515, 3.6239



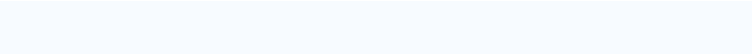
97.9737, -5.8328, 3.0158



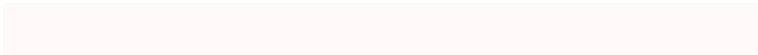
97.9757, -4.5521, 3.0383

# Triad

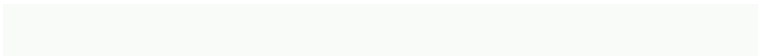
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



97.9757, -5.8353, 3.0182



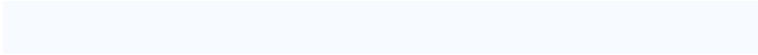
97.9757, -2.8378, 5.9777



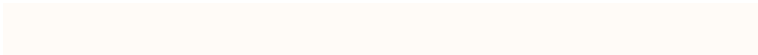
97.9757, -7.0074, 6.9594

# Complementary

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



97.9737, -5.8328, 3.0158



98.4720, -4.6066, 7.6143

# 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.



97.9757, -5.9120, 7.5737



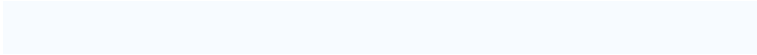
97.9737, -5.8328, 3.0158



97.9757, -3.5026, 7.0120

# Square

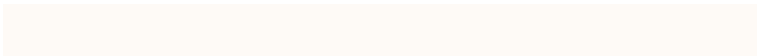
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



97.9757, -5.8353, 3.0182



97.9757, -2.8170, 4.7577



97.9757, -4.6292, 7.5929



97.9757, -7.6258, 5.9050

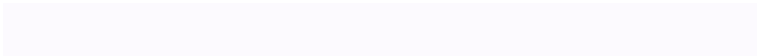


# Rectangle

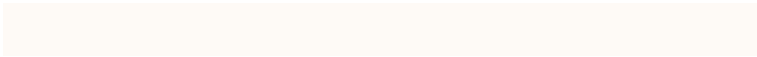
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97.9737, -5.8328, 3.0158



97.9757, -3.7745, 3.4042



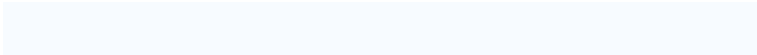
97.9757, -4.6292, 7.5929



97.9757, -6.6830, 7.2236

# Sweetspot

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



97.9757, -5.8353, 3.0182



99.3528, -5.4997, 4.6661



99.1217, -8.6702, 6.4005



45.9800, -2.5407, 2.1764

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



97.9757, -5.8353, 3.0182



97.4215, -5.9651, 2.3487



96.7463, -3.7876, 1.5690



44.8488, -2.8108, 0.8160



34.7733, 8.9134, -62.7051

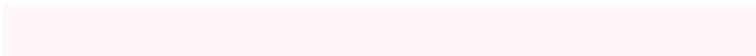


11.8143, 0.9690, -16.8586



# Inverse Universe

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



97.3385, -1.7886, 4.3537



96.6127, -0.8080, 4.0619



99.7048, -6.6509, 8.9933



44.4060, 0.0221, 1.7626



34.5668, 61.6262, 3.5031



10.8878, 19.5993, -0.3562



# Previews

## White Background



This preview shows how the HunterLab color 97.9737, -5.8328, 3.0158 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

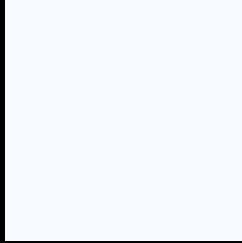
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 97.9737, -5.8328, 3.0158 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

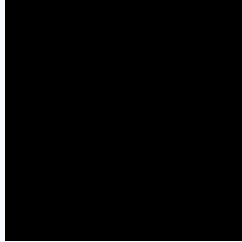
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

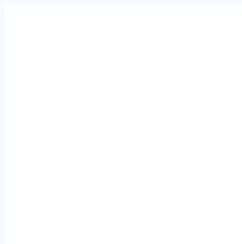
Any Text WCAG AAA ✓ Pass

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

# HunterLab 97.9737, -5.8328, 3.0158 Background



This preview shows how black text looks on a background with the HunterLab color 97.9737, -5.8328, 3.0158.



This preview shows how white text looks on a background with the HunterLab color 97.9737, -5.8328, 3.0158.



# 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**

97.9737, -5.8328, 3.0158

**Protanopia**

97.9683, -2.6563, 3.5744

**Deuteranopia**

97.9998, -2.6778, 4.6223

## Tritanopia

97.9363, -4.3279, 2.9972

# Trichromacy

## Original Color

97.9737, -5.8328, 3.0158

## Protanomaly

97.9981, -4.1793, 3.5833

## Deuteranomaly

98.0604, -4.0282, 4.1668

## Tritanomaly

97.8422, -4.6546, 2.8784

# Monochromacy

## Original Color

97.9737, -5.8328, 3.0158

## Achromatopsia

97.7739, -5.2170, 5.3122

## Achromatomaly

97.7442, -5.1913, 4.2750

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 97.9737, -5.8328, 3.0158 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(247, 251, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 251, 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(247, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 251, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 97.9737, -5.8328, 3.0158 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(247, 251, 255) }
```



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

```
.border{ border-color:rgb(247, 251, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 251, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 251,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 97.9737, -5.8328, 3.0158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 251, 255) }
```

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

```
.background{ background-color: rgb(247,  
251, 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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