

# Converting Colors

HunterLab(96.8166, -51.0027,  
42.5998)

Have a look what the booklet for  
HunterLab(96.8166, -51.0027,  
42.5998) contains.

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# Color

**HunterLab(90.9746,  
-44.0339, 38.0912)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0FF90
RGB	176, 255, 144
RGB Percent	69%, 100%, 56%
CMY	0.3098, 0.0000, 0.4353
CMYK	0.31, 0.00, 0.44, 0.00
HSL	103°, 100%, 78%
HSV	103°, 44%, 100%
XYZ	58.6986, 82.7638, 39.2669
YIQ	218.7250, -11.4530, -51.2690

# Conversions

## Conversions Part 2

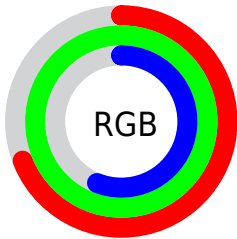
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 255, 223
Decimal	11599760
CIELab	92.91, -43.65, 45.42
CIELCh	93, 62.991, 133.863
Yxy	82.7639, 0.3248, 0.4579
Android (android.graphics.Color)	4289789840 (0xFFB0FF90)
YUV	218.7250, -36.8394, -37.4698
Hunter-Lab	90.9746, -44.0339, 38.0912

# Details

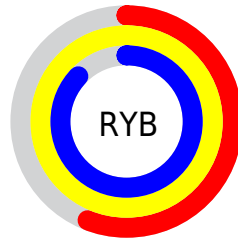
The HunterLab color  $90.9746, -44.0339, 38.0912$  is a light color, and the websafe version is hex  $99FF99$ . A complement of this color would be  $65.4644, 44.8276, -44.5610$ , and the grayscale version is  $84.2043, -4.4929, 4.5750$ .

A 20% lighter version of the original color is  $96.5070, -20.9177, 25.9053$ , and  $67.1838, -38.3214, 31.9928$  is the 20% darker color. If you saturate the color by 10%, you get  $89.4953, -50.6453, 42.8010$ , and if you desaturate by 10%, it is  $92.6783, -36.5041, 32.2968$ .

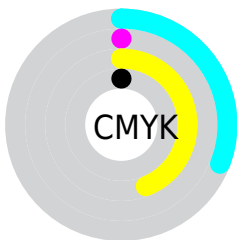
# Distribution



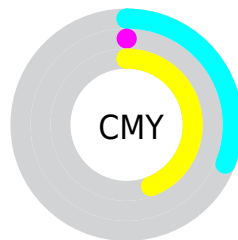
- Red (69%)
- Green (100%)
- Blue (56%)



- Red (56%)
- Yellow (100%)
- Blue (87%)



- Cyan (31%)
- Magenta (0%)
- Yellow (44%)
- Black (0%)




- Cyan (31%)
- Magenta (0%)
- Yellow (44%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 90.9746, -44.0339, 38.0912 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 90.9746, -44.0339, 38.0912 by changing the saturation by 10% instead.





 90.9746, -44.0339,  
38.0912

 90.9746, -44.0339,  
38.0912


224.5438,  
-67.2649, 62.5229

 78.7371, -41.1775,  
35.0415


 117.1515,  
-49.5140, 43.9108

 67.1036, -38.2217,  
31.8751


 131.0442,  
-52.1636, 46.7107

 56.1073, -35.1422,  
28.5662


145.4464,  
-54.7651, 49.4514

 45.7874, -31.9060,  
25.0831

160.3407,  
-57.3258, 52.1417

 36.1916, -28.4662,  
21.3861

175.7113,  
-59.8515, 54.7885

 27.3793, -24.7530,  
17.4508

191.5440,

 19.4277, -20.6554,

-62.3473, 57.3977

13.5994

207.8255,  
-64.8172, 59.9744

■ 12.4425, -17.5712,  
8.7097

■ 5.6768, -9.9344,  
3.9738

■ 90.9746, -44.0339,  
38.0912

■ 90.9746, -44.0339,  
38.0912

■ 89.4953, -50.6453,  
42.8010

■ 92.6783, -36.5041,  
32.2968

■ 88.2383, -56.3028,  
46.4274

■ 94.6054, -28.1104,  
25.4453

■ 87.1988, -60.9902,  
48.9991

■ 96.7529, -18.9170,  
17.5804

■ 86.3682, -64.7178,  
50.5828

■ 99.1160, -8.9958,  
8.7605

■ 85.7334, -67.5290, 100.0000, -5.3358,  
51.2935 5.4332

■ 85.4145, -68.9209,  
51.4255

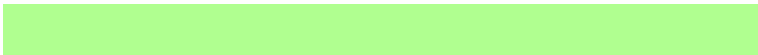
# Harmonies

## Analogous

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



90.9747, -19.2723, 45.6750



90.9746, -44.0339, 38.0912



90.9747, -57.1806, 19.8954

# Triad

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



90.9747, -44.0334, 38.0904



90.9747, -21.4919, -72.0843



90.9747, 63.6630, 18.0056

# Complementary

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



90.9746, -44.0339, 38.0912



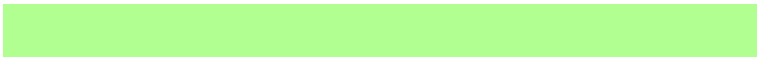
65.4644, 44.8276, -44.5610

# Split Complementary

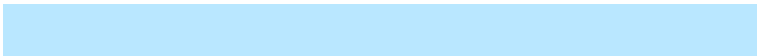
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.9747, 62.8485, -13.0547



90.9746, -44.0339, 38.0912



90.9747, 10.5114, -73.1487

# Square

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



90.9747, -44.0334, 38.0904



90.9747, -45.4622, -46.2613



90.9747, 42.3215, -48.8004

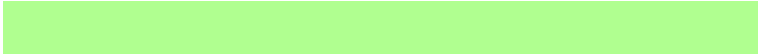


90.9747, 44.4120, 37.1251



# Rectangle

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



90.9746, -44.0339, 38.0912



90.9747, -58.9211, 0.8796



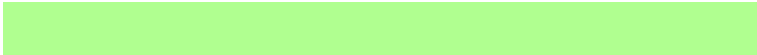
90.9747, 42.3215, -48.8004



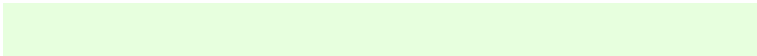
90.9747, 65.8015, 8.8444

# Sweetspot

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



90.9747, -44.0334, 38.0904



96.8723, -18.4106, 17.1379



86.8087, -3.2154, 35.4127



44.5885, -9.4905, 8.7761

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



90.9747, -44.0334, 38.0904



89.7069, -49.6959, 42.1516



89.5601, -48.7780, 30.3850



45.1904, -6.9436, 6.5431



61.7954, -49.5960, 37.2098



19.4189, -14.9012, 11.7049



# Inverse Universe

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



65.4644, 44.8276, -44.5610



59.9623, 54.6477, -55.6418



68.6144, 51.3460, -23.3068



42.4522, 2.4555, -2.0798



30.0279, 63.9869, -77.9853

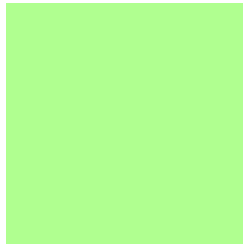


9.6628, 20.3492, -23.2232



# Previews

## White Background



This preview shows how the HunterLab color 90.9746, -44.0339, 38.0912 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

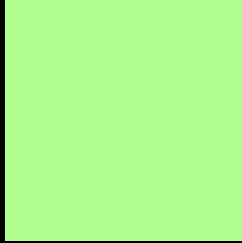
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 90.9746, -44.0339, 38.0912 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

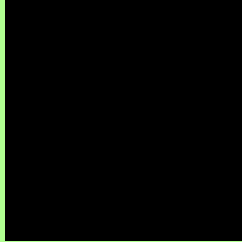
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

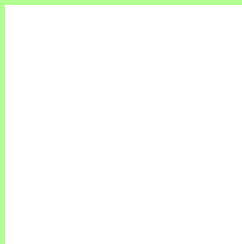
Any Text WCAG AAA ✓ Pass

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

## HunterLab 90.9746, -44.0339, 38.0912 Background



This preview shows how black text looks on a background with the HunterLab color 90.9746, -44.0339, 38.0912.



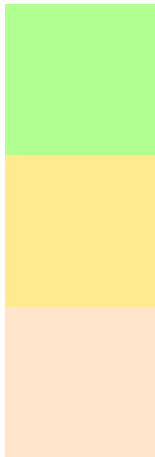
This preview shows how white text looks on a background with the HunterLab color 90.9746, -44.0339, 38.0912.

-44.0339, 38.0912.

# 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

90.9746, -44.0339, 38.0912

### Protanopia

90.6029, -9.5719, 38.6560

### Deuteranopia

90.3650, 0.2001, 18.2041



## Tritanopia

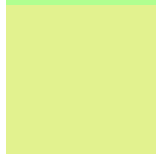
90.8401, -12.8007, -5.9979

# Trichromacy



## Original Color

90.9746, -44.0339, 38.0912



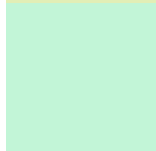
## Protanomaly

90.3638, -23.6666, 38.2170



## Deuteranomaly

89.8305, -17.3490, 25.8396



## Tritanomaly

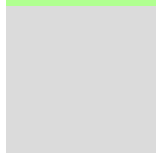
90.3772, -25.5031, 13.0675

# Monochromacy



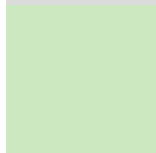
## Original Color

90.9746, -44.0339, 38.0912



## Achromatopsia

84.1651, -4.4908, 4.5728



## Achromatomaly

86.1484, -20.2241, 18.4087

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 90.9746, -44.0339, 38.0912 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(176, 255, 144)` looks like.

```
.text, #text, p{  
    color:rgb(176, 255, 144)  
}
```

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(176, 255, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 255, 144) }
```

## Border

The CSS property to change the border of an element to HunterLab 90.9746, -44.0339, 38.0912 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(176, 255, 144) }
```



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

```
.border{ border-color:rgb(176, 255, 144) }
```

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

Here you see how a box with a 4 pixel rgb(176, 255, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 255, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 255, 144);  
box-shadow:4px 4px 4px 4px rgb(176, 255,  
144) }
```

# Background

The CSS property to change the background color of an element to HunterLab 90.9746, -44.0339, 38.0912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 255, 144) }
```

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

```
.background{ background-color: rgb(176,  
255, 144) }
```

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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