

# Converting Colors

HunterLab(98.3878, -23.6479,  
41.5461)

Have a look what the booklet for  
HunterLab(98.3878, -23.6479,  
41.5461) contains.

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# Color

**HunterLab(96.8726,  
-21.4024, 40.3382)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | F8FF9B                      |
| RGB         | 248, 255, 155               |
| RGB Percent | 97%, 100%, 61%              |
| CMY         | 0.0275, 0.0000, 0.3921      |
| CMYK        | 0.03, 0.00, 0.39, 0.00      |
| HSL         | 64°, 100%, 80%              |
| HSV         | 64°, 39%, 100%              |
| XYZ         | 80.3878, 93.8430, 44.8869   |
| YIQ         | 241.5070, 27.9280, -32.5840 |

# Conversions

## Conversions Part 2

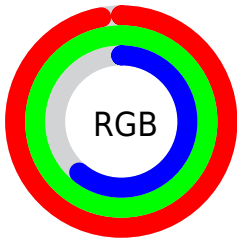
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 155, 255, 162                 |
| Decimal                             | 16318363                      |
| CIE <sub>Lab</sub>                  | 97.57, -16.67, 46.96          |
| CIE <sub>LCh</sub>                  | 98, 49.829, 109.549           |
| Yxy                                 | 93.8431, 0.3669,<br>0.4283    |
| Android<br>(android.graphics.Color) | 4294508443<br>(0xFFFF8FF9B)   |
| YUV                                 | 241.5070, -42.6480,<br>5.6944 |
| Hunter-Lab                          | 96.8726, -21.4024,<br>40.3382 |

# Details

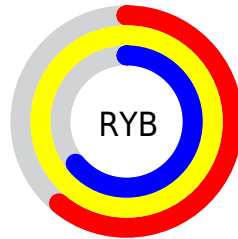
The HunterLab color  $96.8726, -21.4024, 40.3382$  is a light color, and the websafe version is hex  $FFFF99$ . A complement of this color would be  $61.9236, 20.4065, -52.0699$ , and the grayscale version is  $94.1856, -5.0255, 5.1173$ .

A 20% lighter version of the original color is  $98.7336, -12.3187, 23.6156$ , and  $72.3150, -18.3688, 33.9323$  is the 20% darker color. If you saturate the color by 10%, you get  $96.3069, -24.2691, 46.0248$ , and if you desaturate by 10%, it is  $97.5295, -18.0425, 33.3679$ .

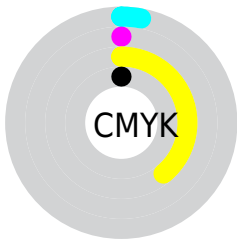
# Distribution



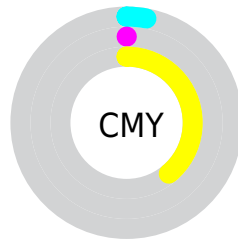
- Red (97%)
- Green (100%)
- Blue (61%)



- Red (61%)
- Yellow (100%)
- Blue (64%)



- Cyan (3%)
- Magenta (0%)
- Yellow (39%)
- Black (0%)




- Cyan (3%)
- Magenta (0%)
- Yellow (39%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 96.8726, -21.4024, 40.3382 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 96.8726, -21.4024, 40.3382 by changing the saturation by 10% instead.




 96.8726, -21.4024,  
40.3382

 96.8726, -21.4024,  
40.3382


232.4768,  
-34.4761, 65.1907

 84.3638, -19.9516,  
37.2492


 123.5578,  
-24.2894, 46.2453

 72.4451, -18.4912,  
34.0480


 137.6901,  
-25.7318, 49.0914

 61.1475, -17.0152,  
30.7112


152.3236,  
-27.1763, 51.8794

 50.5072, -15.5158,  
27.2096

167.4416,  
-28.6245, 54.6174

 40.5675, -13.9819,  
23.5070

183.0292,  
-30.0776, 57.3123

 31.3820, -12.3971,  
19.5606

199.0724,

 23.0184, -10.7349,

-31.5367, 59.9696

16.0092

215.5588,  
-33.0026, 62.5944

■ 15.5674, -8.9500,  
10.8972

■ 9.1537, -8.4259,  
6.4076

■ 96.8726, -21.4024,  
40.3382

■ 96.8726, -21.4024,  
40.3382

■ 96.3069, -24.2691,  
46.0248

■ 97.5295, -18.0425,  
33.3679

■ 95.8278, -26.6604,  
50.4783

■ 98.2810, -14.1800,  
25.0846

■ 95.4300, -28.6001,  
53.7658

■ 99.1299, -9.8103,  
15.4712

■ 95.1069, -30.1216,  
55.9772

100.0000, -5.3358,  
5.4332

■ 94.8500, -31.2693,  
57.2313

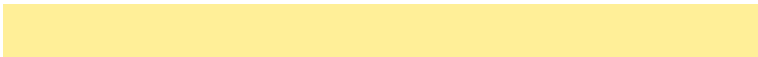
■ 94.6461, -32.1172,  
57.7222

■ 94.6310, -32.1787,  
57.7478

# Harmonies

## Analogous

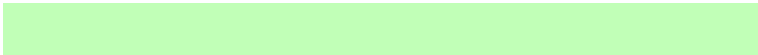
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.8727, 4.0994, 41.4546



96.8726, -21.4024, 40.3382



96.8727, -40.4838, 31.4162

# Triad

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



96.8727, -21.4021, 40.3375



96.8727, -35.6336, -38.5469



96.8727, 49.2876, -3.7936

# Complementary

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



96.8726, -21.4024, 40.3382



61.9236, 20.4065, -52.0699

# 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.



96.8727, 36.0521, -31.0987



96.8726, -21.4024, 40.3382



96.8727, -14.1113, -54.4081

# Square

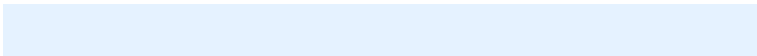
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



96.8727, -21.4021, 40.3375



96.8727, -48.0782, -12.1011



96.8727, 12.1980, -51.3699



96.8727, 46.8036, 19.9266

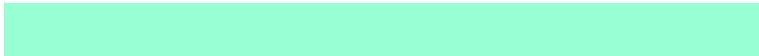


# Rectangle

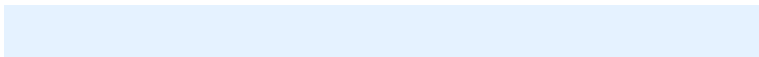
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96.8726, -21.4024, 40.3382



96.8727, -47.8570, 20.5158



96.8727, 12.1980, -51.3699



96.8727, 46.4790, -12.9363

# Sweetspot

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



96.8727, -21.4021, 40.3375



98.8835, -11.0784, 18.2829



70.2502, 29.5649, 17.6322



45.6958, -5.3943, 9.0521

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

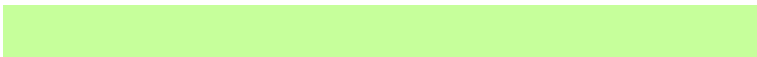
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.8727, -21.4021, 40.3375



96.4245, -23.6759, 44.8736



92.7027, -36.9683, 36.6417



45.8500, -4.6006, 7.2953



68.4247, -23.1850, 41.7571



21.3946, -7.0707, 13.0594



# Inverse Universe

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



61.9236, 20.4065, -52.0699



55.2067, 26.7592, -67.1188



66.7917, 34.9853, -42.2127



41.7594, 0.1035, -3.0172



19.6498, 52.8495, -136.1273

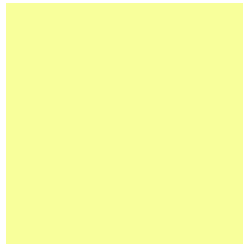


6.2938, 16.6145, -41.1736



# Previews

## White Background



This preview shows how the HunterLab color 96.8726, -21.4024, 40.3382 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

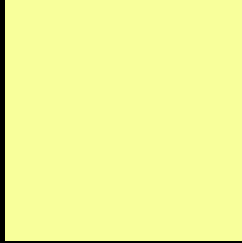
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 96.8726, -21.4024, 40.3382 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

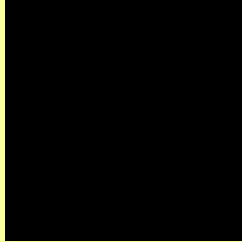
Any Text WCAG AA ✓ Pass

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 96.8726, -21.4024, 40.3382 Background



This preview shows how black text looks on a background with the HunterLab color 96.8726, -21.4024, 40.3382.



This preview shows how white text looks on a background with the HunterLab color 96.8726, -21.4024, 40.3382.

-21.4024, 40.3382.

# Color Blindness Simulation

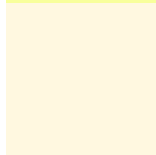
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



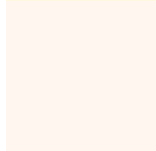
### Original Color

96.8726, -21.4024, 40.3382



### Protanopia

96.8383, -6.7757, 16.3757



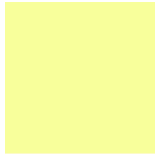
### Deuteranopia

96.6455, -3.3177, 9.3969

## **Tritanopia**

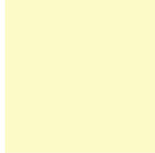
96.8426, -0.0064, 1.7520

# Trichromacy



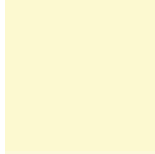
## Original Color

96.8726, -21.4024, 40.3382



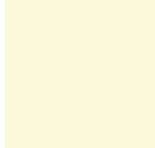
## Protanomaly

96.8573, -12.9428, 26.3809



## Deuteranomaly

96.4370, -10.6829, 22.5487



## Tritanomaly

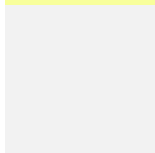
96.7271, -9.0794, 18.3645

# Monochromacy



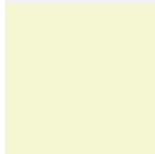
## Original Color

96.8726, -21.4024, 40.3382



## Achromatopsia

94.2297, -5.0279, 5.1197



## Achromatomaly

95.0830, -12.0771, 20.3581

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 96.8726, -21.4024, 40.3382 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(248, 255, 155)` looks like.

```
.text, #text, p{  
    color:rgb(248, 255, 155)  
}
```

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(248, 255, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 155) }
```

## Border

The CSS property to change the border of an element to HunterLab 96.8726, -21.4024, 40.3382 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(248, 255, 155) }
```



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

```
.border{ border-color:rgb(248, 255, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 255, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 255, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 255, 155);  
box-shadow:4px 4px 4px 4px rgb(248, 255,  
155) }
```

# Background

The CSS property to change the background color of an element to HunterLab 96.8726, -21.4024, 40.3382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 255, 155) }
```

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

```
.background{ background-color: rgb(248,  
255, 155) }
```

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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