

# Converting Colors

HunterLab(106.6412, -34.9589,  
41.6359)

Have a look what the booklet for  
HunterLab(106.6412, -34.9589,  
41.6359) contains.

<b>HunterLab(96.7531, -20.9622, 33.4411)</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(96.7531,  
-20.9622, 33.4411)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2FFB2
RGB	242, 255, 178
RGB Percent	95%, 100%, 70%
CMY	0.0510, 0.0000, 0.3020
CMYK	0.05, 0.00, 0.30, 0.00
HSL	70°, 100%, 85%
HSV	70°, 30%, 100%
XYZ	80.4139, 93.6116, 55.9501
YIQ	242.3350, 16.9690, -26.7030

# Conversions

## Conversions Part 2

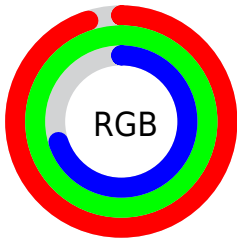
Format	Color
<a href="#">RYB</a>	<a href="#">178, 255, 191</a>
Decimal	<a href="#">15925170</a>
<a href="#">CIELab</a>	<a href="#">97.48, -16.22, 35.45</a>
<a href="#">CIElCh</a>	<a href="#">97, 38.987, 114.583</a>
<a href="#">Yxy</a>	<a href="#">93.6118, 0.3497, 0.4070</a>
Android (android.graphics.Color)	<a href="#">4294115250</a> ( <a href="#">0xFFFF2FFB2</a> )
<a href="#">YUV</a>	<a href="#">242.3350, -31.7172, -0.2938</a>
<a href="#">Hunter-Lab</a>	<a href="#">96.7531, -20.9622, 33.4411</a>

# Details

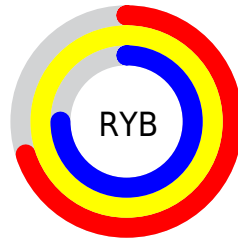
The HunterLab color **96.7531, -20.9622, 33.4411** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **70.8085, 15.8865, -35.3078**, and the grayscale version is **94.5082, -5.0427, 5.1348**.

A 20% lighter version of the original color is **99.3582, -8.8632, 14.6183**, and **72.2379, -17.9310, 28.2743** is the 20% darker color. If you saturate the color by 10%, you get **95.8791, -25.1314, 40.1370**, and if you desaturate by 10%, it is **97.7261, -16.2899, 25.4641**.

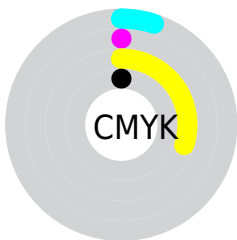
# Distribution



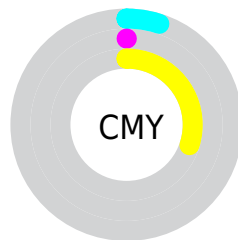
- Red (95%)
- Green (100%)
- Blue (70%)



- Red (70%)
- Yellow (100%)
- Blue (75%)



- Cyan (5%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)




- Cyan (5%)
- Magenta (0%)
- Yellow (30%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 96.7531, -20.9622, 33.4411 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 96.7531, -20.9622, 33.4411 by changing the saturation by 10% instead.





 96.7531, -20.9622,  
33.4411

 96.7531, -20.9622,  
33.4411


232.3168,  
-33.8730, 53.6740

 84.2497, -19.5332,  
30.9938


 123.4282,  
-23.8081, 38.1627

 72.3367, -18.0958,  
28.4732


137.5558,  
-25.2314, 40.4576

 61.0450, -16.6443,  
25.8609


152.1847,  
-26.6574, 42.7182

 50.4110, -15.1711,  
23.1336

167.2982,  
-28.0877, 44.9501

 40.4781, -13.6654,  
20.2604

182.8814,  
-29.5234, 47.1580

 31.2999, -12.1114,  
17.1989

198.9205,

 22.9444, -10.4835,

-30.9657, 49.3458

13.9079

215.4028,  
-32.4154, 51.5168

■ 15.5025, -8.7377,  
10.8517

■ 9.0971, -8.2548,  
6.3679

■ 96.7531, -20.9622,  
33.4411

■ 96.7531, -20.9622,  
33.4411

■ 95.8791, -25.1314,  
40.1370

■ 97.7261, -16.2899,  
25.4641

■ 95.1009, -28.8031,  
45.5780

■ 98.8000, -11.1174,  
16.1995

■ 94.4147, -31.9883,  
49.8050

99.9760, -5.4511,  
5.6516

■ 93.8158, -34.7064,  
52.8798

100.0000, -5.3358,  
5.4332

■ 93.2976, -36.9867,  
54.8880

■ 92.8520, -38.8712,  
55.9471

■ 92.4713, -40.4139,  
56.2728

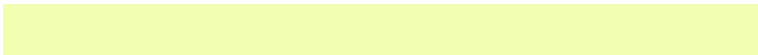
# Harmonies

## Analogous

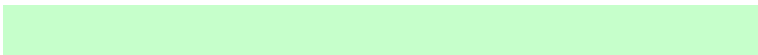
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.7532, -1.4344, 35.5527



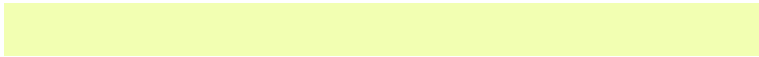
96.7531, -20.9622, 33.4411



96.7532, -35.1238, 24.5029

# Triad

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



96.7532, -20.9618, 33.4404



96.7532, -26.8806, -30.3731



96.7532, 37.0923, 1.6750

# Complementary

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



96.7531, -20.9622, 33.4411



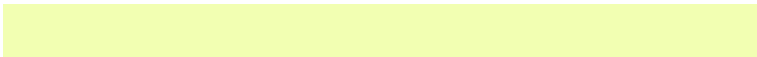
70.8085, 15.8865, -35.3078

# 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.



96.7532, 28.9443, -18.9676



96.7531, -20.9622, 33.4411



96.7532, -8.8452, -39.7684

# Square

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



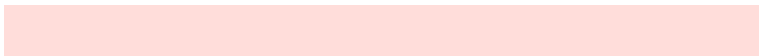
96.7532, -20.9618, 33.4404



96.7532, -38.3374, -11.5907



96.7532, 11.7094, -35.2132



96.7532, 33.1765, 19.5483

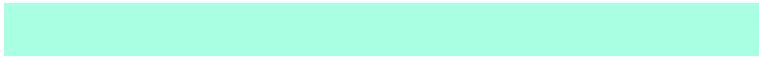


# Rectangle

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



96.7531, -20.9622, 33.4411



96.7532, -40.1745, 14.6763



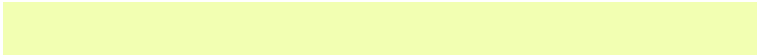
96.7532, 11.7094, -35.2132



96.7532, 35.6544, -5.1949

# Sweetspot

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



96.7532, -20.9618, 33.4404



98.9351, -10.4660, 15.0063



78.5267, 16.8571, 16.8803



45.6959, -5.2085, 7.6136

0.0000, NaN, NaN

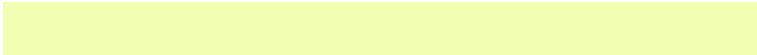


46.2646, -2.4686, 2.5136



# Same Dimension

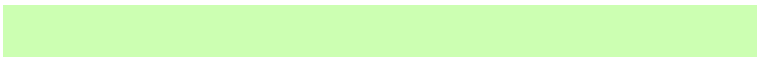
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.7532, -20.9618, 33.4404



96.2339, -23.4432, 37.4824



93.5548, -32.8203, 30.3795



45.7454, -4.9697, 7.1767



66.8862, -29.0483, 40.7064



20.9647, -8.7030, 12.7660



# Inverse Universe

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



70.8085, 15.8865, -35.3078



65.5998, 20.4461, -44.7276



74.6826, 27.9871, -28.5994



41.8630, 0.4575, -2.8760



20.2097, 53.2765, -131.6422

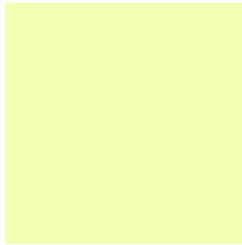


6.6096, 16.8764, -38.8083



# Previews

## White Background



This preview shows how the HunterLab color 96.7531, -20.9622, 33.4411 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

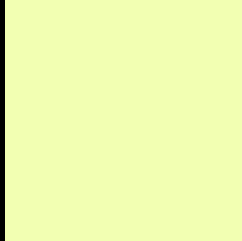
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 96.7531, -20.9622, 33.4411 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

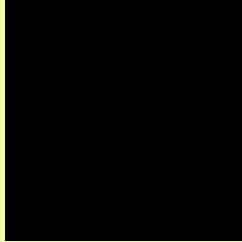
Any Text WCAG AA ✓ Pass

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 96.7531, -20.9622, 33.4411 Background



This preview shows how black text looks on a background with the HunterLab color 96.7531, -20.9622, 33.4411.



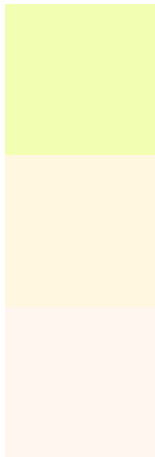
This preview shows how white text looks on a background with the HunterLab color 96.7531,

-20.9622, 33.4411.

# 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

96.7531, -20.9622, 33.4411

### Protanopia

96.5212, -6.2532, 16.0475

### Deuteranopia

96.6455, -3.3177, 9.3969

## Tritanopia

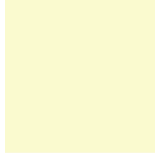
96.6724, -2.2027, 1.5068

# Trichromacy



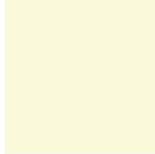
## Original Color

96.7531, -20.9622, 33.4411



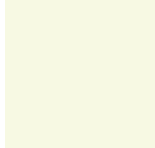
## Protanomaly

96.5403, -12.0189, 23.0232



## Deuteranomaly

96.4806, -10.0563, 18.9338



## Tritanomaly

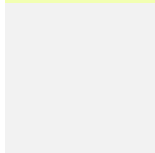
96.4736, -9.5252, 14.6170

# Monochromacy



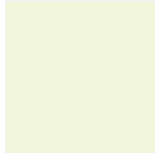
## Original Color

96.7531, -20.9622, 33.4411



## Achromatopsia

94.2297, -5.0279, 5.1197



## Achromatomaly

95.1385, -11.3953, 16.6591

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 96.7531, -20.9622, 33.4411 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(242, 255, 178)` looks like.

```
.text, #text, p{  
    color:rgb(242, 255, 178)  
}
```

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(242, 255, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 255, 178) }
```

## Border

The CSS property to change the border of an element to HunterLab 96.7531, -20.9622, 33.4411 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(242, 255, 178) }
```



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

```
.border{ border-color:rgb(242, 255, 178) }
```

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

Here you see how a box with a 4 pixel rgb(242, 255, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 255, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 255, 178);  
box-shadow:4px 4px 4px 4px rgb(242, 255,  
178) }
```

# Background

The CSS property to change the background color of an element to HunterLab 96.7531, -20.9622, 33.4411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 255, 178) }
```

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

```
.background{ background-color: rgb(242,  
255, 178) }
```

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