

# Converting Colors

HunterLab(96.3204, -21.3526,  
23.8140)

Have a look what the booklet for  
HunterLab(96.3204, -21.3526,  
23.8140) contains.

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# Color

**HunterLab(96.2822,  
-21.4920, 23.7741)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E6FFCC
RGB	230, 255, 204
RGB Percent	90%, 100%, 80%
CMY	0.0980, 0.0000, 0.2000
CMYK	0.10, 0.00, 0.20, 0.00
HSL	89°, 100%, 90%
HSV	89°, 20%, 100%
XYZ	79.2922, 92.7026, 70.8410
YIQ	241.7110, 1.4710, -21.1610

# Conversions

## Conversions Part 2

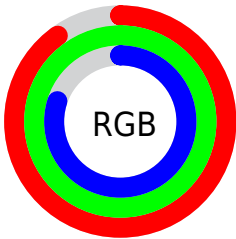
<b>Format</b>	<b>Color</b>
<b>RYB</b>	204, 255, 229
Decimal	15138764
CIELab	97.11, -16.84, 21.71
CIELCh	97, 27.474, 127.802
Yxy	92.7029, 0.3265, 0.3817
Android (android.graphics.Color)	4293328844 (0xFFE6FFCC)
YUV	241.7110, -18.5915, -10.2705
Hunter-Lab	96.2822, -21.4920, 23.7741

# Details

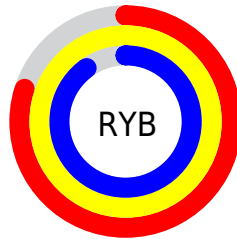
The HunterLab color **96.2822, -21.4920, 23.7741** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **81.8932, 13.5289, -17.7962**, and the grayscale version is **94.1813, -5.0253, 5.1171**.

A 20% lighter version of the original color is **100.0000, -5.3358, 5.4332**, and **71.8254, -18.4467, 20.1172** is the 20% darker color. If you saturate the color by 10%, you get **94.6484, -28.6959, 31.2690**, and if you desaturate by 10%, it is **98.0669, -13.6920, 15.1489**.

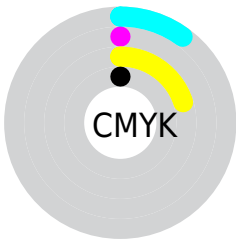
# Distribution



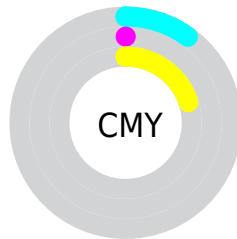
- Red (90%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (90%)



- Cyan (10%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)



- Cyan (10%)
- Magenta (0%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 96.2822, -21.4920, 23.7741 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 96.2822, -21.4920, 23.7741 by changing the saturation by 10% instead.



96.2822, -21.4920,  
23.7741

96.2822, -21.4920,  
23.7741

231.6861,  
-34.6237, 38.7384

83.8001, -20.0324,  
22.0585

122.9175,  
-24.3939, 27.1459

71.9094, -18.5629,  
20.3153

137.0263,  
-25.8434, 28.8132

60.6413, -17.0769,  
18.5343

151.6370,  
-27.2946, 30.4730

50.0323, -15.5665,  
16.7024

166.7330,  
-28.7491, 32.1278

40.1262, -14.0201,  
14.8013

182.2991,  
-30.2083, 33.7800

30.9770, -12.4208,  
12.8039

198.3216,

22.6534, -10.7412,

-31.6732, 35.4315

10.6691

214.7878,  
-33.1448, 37.0839

■ 15.2472, -8.9340,  
8.5562

■ 8.8700, -8.7464,  
6.2090

■ 96.2822, -21.4920,  
23.7741

■ 96.2822, -21.4920,  
23.7741

■ 94.6484, -28.6959,  
31.2690

■ 98.0669, -13.6920,  
15.1489

■ 93.1661, -35.2728,  
37.6115

100.0000, -5.3358,  
5.4332

■ 91.8354, -41.1963,  
42.7933

■ 90.6547, -46.4496,  
46.8262

■ 89.6209, -51.0273,  
49.7464

■ 88.7286, -54.9383,  
51.6194

■ 87.9702, -58.2102,  
52.5486

■ 87.3304, -60.9191,  
52.7460

■ 87.3303, -60.9193,  
52.7460

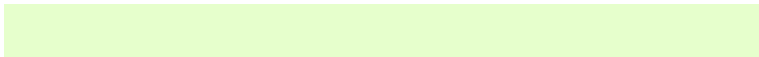
# Harmonies

## Analogous

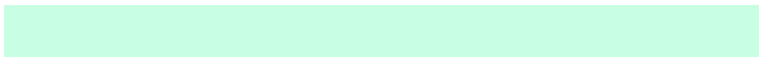
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.2823, -8.8626, 27.8045



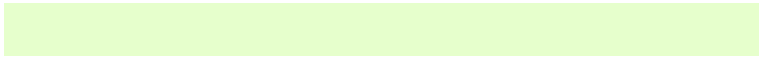
96.2822, -21.4920, 23.7741



96.2823, -29.4010, 14.6474

# Triad

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



96.2823, -21.4914, 23.7734



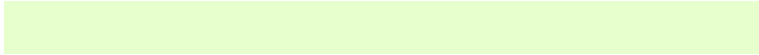
96.2823, -15.3559, -22.3933



96.2823, 23.7742, 8.7392

# Complementary

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



96.2822, -21.4920, 23.7741



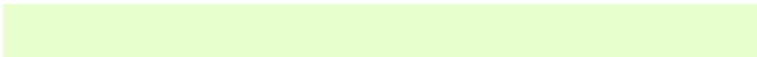
81.8932, 13.5289, -17.7962

# Split Complementary

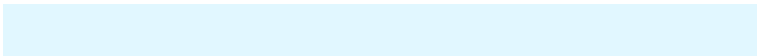
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.2823, 21.7842, -5.2223



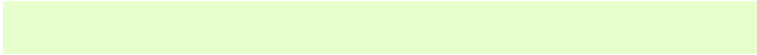
96.2822, -21.4920, 23.7741



96.2823, -1.3651, -24.5885

# Square

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



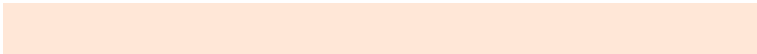
96.2823, -21.4914, 23.7734



96.2823, -26.0061, -12.2915



96.2823, 12.3757, -17.9129

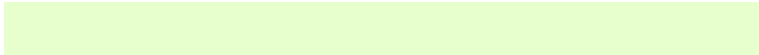


96.2823, 17.6642, 19.9925

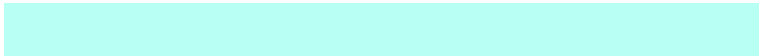


# Rectangle

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



96.2822, -21.4920, 23.7741



96.2823, -31.2137, 6.2433



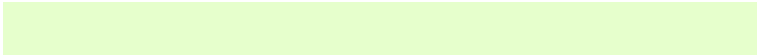
96.2823, 12.3757, -17.9129



96.2823, 24.0366, 4.2277

# Sweetspot

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



96.2823, -21.4914, 23.7734



98.8224, -10.4146, 11.3917



90.2582, 0.3839, 18.0964



45.6619, -5.0687, 5.5597

0.0000, NaN, NaN

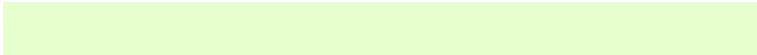


46.2646, -2.4686, 2.5136

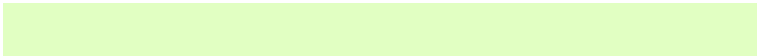


# Same Dimension

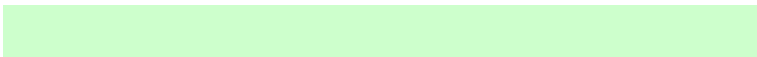
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.2823, -21.4914, 23.7734



95.6105, -24.4472, 26.9094



94.2538, -28.9765, 21.6353



45.4129, -6.1492, 6.7979



63.1979, -43.7452, 38.1764



19.8842, -12.9774, 12.0253



# Inverse Universe

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



81.8932, 13.5289, -17.7962



78.4410, 17.4136, -22.8698



84.5612, 22.0959, -13.8411



42.2076, 1.6296, -2.4089



24.7772, 57.6574, -102.0163

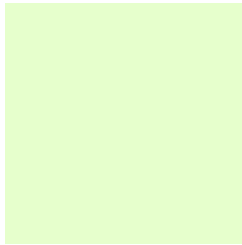


8.1396, 18.4520, -29.7220



# Previews

## White Background



This preview shows how the HunterLab color 96.2822, -21.4920, 23.7741 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

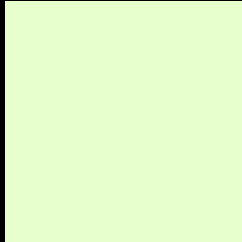
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 96.2822, -21.4920, 23.7741 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

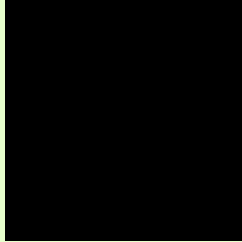
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

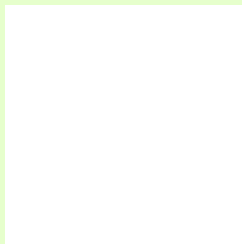
Any Text WCAG AAA ✓ Pass

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

## HunterLab 96.2822, -21.4920, 23.7741 Background



This preview shows how black text looks on a background with the HunterLab color 96.2822, -21.4920, 23.7741.



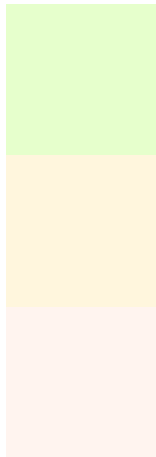
This preview shows how white text looks on a background with the HunterLab color 96.2822,

-21.4920, 23.7741.

# 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

96.2822, -21.4920, 23.7741

### Protanopia

96.1208, -6.1904, 16.9257

### Deuteranopia

96.0174, -2.2587, 8.7006

## **Tritanopia**

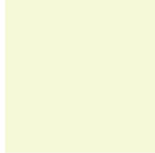
96.0137, -4.4818, 0.6629

# Trichromacy



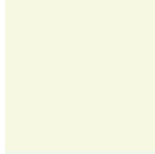
## Original Color

96.2822, -21.4920, 23.7741



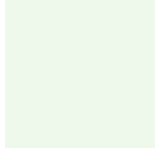
## Protanomaly

96.0471, -11.6975, 19.2927



## Deuteranomaly

96.0305, -9.4975, 14.5839



## Tritanomaly

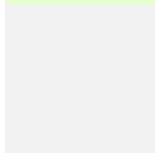
95.9086, -10.9903, 9.8482

# Monochromacy



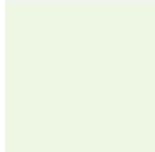
## Original Color

96.2822, -21.4920, 23.7741



## Achromatopsia

94.2297, -5.0279, 5.1197



## Achromatomaly

95.0264, -11.2804, 12.5615

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 96.2822, -21.4920, 23.7741 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(230, 255, 204)` looks like.

```
.text, #text, p{  
    color:rgb(230, 255, 204)  
}
```

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(230, 255, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 255, 204) }
```

## Border

The CSS property to change the border of an element to HunterLab 96.2822, -21.4920, 23.7741 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(230, 255, 204) }
```



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

```
.border{ border-color:rgb(230, 255, 204) }
```

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

Here you see how a box with a 4 pixel rgb(230, 255, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 255, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 255, 204);  
box-shadow:4px 4px 4px 4px rgb(230, 255,  
204) }
```

# Background

The CSS property to change the background color of an element to HunterLab 96.2822, -21.4920, 23.7741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 255, 204) }
```

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

```
.background{ background-color: rgb(230,  
255, 204) }
```

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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