

# Converting Colors

HunterLab(93.8453, -28.3806,  
44.8676)

Have a look what the booklet for  
HunterLab(93.8453, -28.3806,  
44.8676) contains.

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# Color

**HunterLab(93.8702,  
-28.2516, 44.8805)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7FC7E
RGB	231, 252, 126
RGB Percent	91%, 99%, 49%
CMY	0.0941, 0.0117, 0.5059
CMYK	0.08, 0.00, 0.50, 0.01
HSL	70°, 95%, 74%
HSV	70°, 50%, 99%
XYZ	71.5313, 88.1161, 32.9767
YIQ	231.3570, 27.9300, -43.6380

# Conversions

## Conversions Part 2

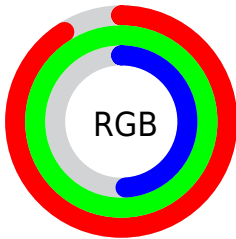
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	126, 252, 147
Decimal	15203454
CIE Lab	95.21, -24.55, 57.43
CIE LCh	95, 62.459, 113.148
Yxy	88.1201, 0.3713, 0.4575
Android (android.graphics.Color)	4293393534 (0xFFE7FC7E)
YUV	231.3570, -51.9410, -0.3131
Hunter-Lab	93.8702, -28.2516, 44.8805

# Details

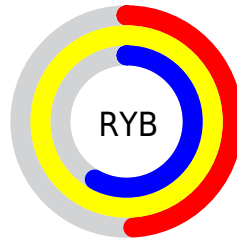
The HunterLab color **93.8702, -28.2516, 44.8805** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **53.0616, 31.8378, -69.6580**, and the grayscale version is **89.7622, -4.7895, 4.8770**.

A 20% lighter version of the original color is **98.0389, -16.1880, 33.6900**, and **69.5574, -24.4183, 37.2076** is the 20% darker color. If you saturate the color by 10%, you get **93.1980, -31.3891, 49.0783**, and if you desaturate by 10%, it is **94.6373, -24.6402, 39.4865**.

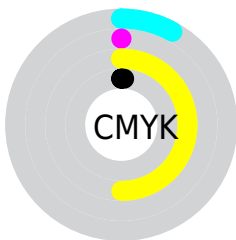
# Distribution



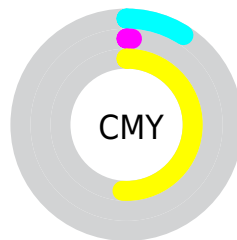
- Red (91%)
- Green (99%)
- Blue (49%)



- Red (49%)
- Yellow (99%)
- Blue (58%)



- Cyan (8%)
- Magenta (0%)
- Yellow (50%)
- Black (1%)




- Cyan (9%)
- Magenta (1%)
- Yellow (51%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 93.8702, -28.2516, 44.8805 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 93.8702, -28.2516, 44.8805 by changing the saturation by 10% instead.





 93.8702, -28.2516,  
44.8805


 93.8702, -28.2516,  
44.8805


228.4506,  
-44.1966, 74.2229

 81.5000, -26.4101,  
41.1625


 120.3014,  
-31.8704, 51.9505

 69.7248, -24.5319,  
37.2925


 134.3130,  
-33.6530, 55.3345

 58.5786, -22.6091,  
33.2446


 148.8299,  
-35.4240, 58.6360

 48.0992, -20.6274,  
28.9876

163.8351,  
-37.1866, 61.8653

 38.3321, -18.5663,  
24.4887

179.3133,  
-38.9432, 65.0316

 29.3335, -16.3950,  
20.0701

195.2503,

 21.1758, -14.0643,

-40.6959, 68.1425

14.8231

211.6333,  
-42.4466, 71.2044

■ 13.9568, -11.4880,  
9.7697

■ 7.5957, -13.2925,  
5.3170

■ 93.8702, -28.2516,  
44.8805

■ 93.8702, -28.2516,  
44.8805

■ 93.1980, -31.3891,  
49.0783

■ 94.6373, -24.6402,  
39.4865

■ 92.6095, -34.0636,  
52.1380


■ 95.4967, -20.5356,  
32.8532


■ 92.1005, -36.3065,  
54.1443


■ 96.4534, -15.9362,  
24.9578


■ 91.6631, -38.1591,  
55.2121

■ 97.5095, -10.8436,  
15.7919

 91.2828, -39.7014,  
55.5530

 98.6662, -5.2645,  
5.3605

 91.2828, -39.7014,  
55.5530

 99.0479, -3.7463,  
4.3351

# Harmonies

## Analogous

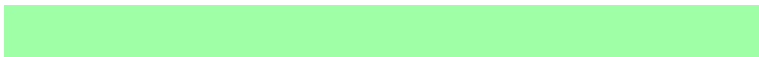
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.8723, 2.5293, 46.9413



93.8702, -28.2516, 44.8805



93.8723, -49.8154, 34.1402

# Triad

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



93.8723, -28.2544, 44.8813



93.8723, -39.5088, -55.7027



93.8723, 65.1362, -2.2335

# Complementary

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



93.8702, -28.2516, 44.8805



53.0616, 31.8378, -69.6580

# 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.



93.8723, 50.1753, -37.7982



93.8702, -28.2516, 44.8805



93.8723, -12.3260, -74.7536

# Square

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



93.8723, -28.2544, 44.8813



93.8723, -55.6717, -21.2787



93.8723, 20.7337, -67.2806



93.8723, 59.3599, 25.5360



# Rectangle

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



93.8702, -28.2516, 44.8805



93.8723, -57.4735, 20.7074



93.8723, 20.7337, -67.2806



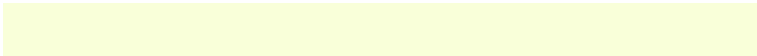
93.8723, 62.3053, -13.7303

# Sweetspot

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



93.8723, -28.2544, 44.8813



98.2788, -13.6380, 20.8201



65.6291, 32.9655, 23.1842



45.3649, -6.8081, 10.5256

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



93.8723, -28.2544, 44.8813



94.4555, -31.8244, 49.7555



89.1384, -46.3993, 40.9845



44.7613, -4.8500, 7.0156



65.9231, -28.4895, 40.1228



20.1559, -8.3106, 12.2745



# Inverse Universe

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



53.0616, 31.8378, -69.6580



46.1236, 41.6913, -92.4635



59.7108, 49.7983, -53.7864



40.9658, 0.4343, -2.8058



19.8987, 52.4753, -129.7612

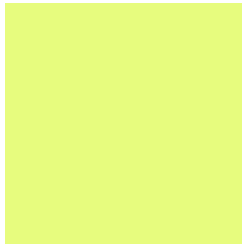


6.3633, 16.2259, -37.1939



# Previews

## White Background



This preview shows how the HunterLab color 93.8702, -28.2516, 44.8805 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 93.8702, -28.2516, 44.8805 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

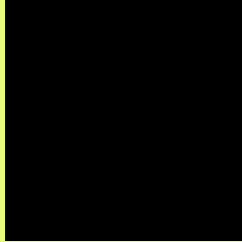
Any Text WCAG AA ✓ Pass

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 93.8702, -28.2516, 44.8805 Background



This preview shows how black text looks on a background with the HunterLab color 93.8702, -28.2516, 44.8805.



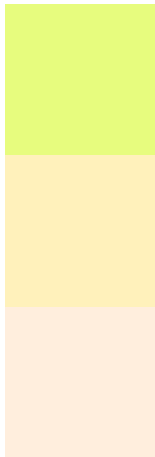
This preview shows how white text looks on a background with the HunterLab color 93.8702, -28.2516, 44.8805.

-28.2516, 44.8805.

# 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

93.8702, -28.2516, 44.8805

### Protanopia

93.6795, -8.3320, 27.8239

### Deuteranopia

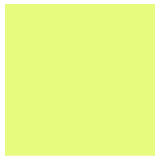
93.6106, -1.9938, 14.3210



## Tritanopia

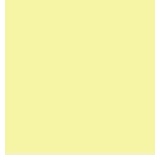
93.7880, 0.7488, -2.0034

# Trichromacy



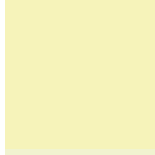
## Original Color

93.8702, -28.2516, 44.8805



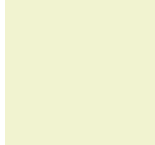
## Protanomaly

93.6025, -16.1072, 34.8473



## Deuteranomaly

93.4019, -12.6305, 27.8442



## Tritanomaly

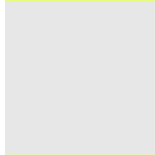
93.4644, -11.3286, 19.5390

# Monochromacy



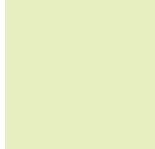
## Original Color

93.8702, -28.2516, 44.8805



## Achromatopsia

89.3925, -4.7698, 4.8569



## Achromatomaly

90.8692, -14.7445, 22.8163

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 93.8702, -28.2516, 44.8805 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(231, 252, 126)` looks like.

```
.text, #text, p{  
    color:rgb(231, 252, 126)  
}
```

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(231, 252, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 252, 126) }
```

## Border

The CSS property to change the border of an element to HunterLab 93.8702, -28.2516, 44.8805 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(231, 252, 126) }
```



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

```
.border{ border-color:rgb(231, 252, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 252, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 252, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 252, 126);  
box-shadow:4px 4px 4px 4px rgb(231, 252,  
126) }
```

# Background

The CSS property to change the background color of an element to HunterLab 93.8702, -28.2516, 44.8805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 252, 126) }
```

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

```
.background{ background-color: rgb(231,  
252, 126) }
```

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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