

# Converting Colors

HunterLab(95.0955, -28.0160,  
39.3172)

Have a look what the booklet for  
HunterLab(95.0955, -28.0160,  
39.3172) contains.

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# Color

**HunterLab(95.1199,  
-27.9253, 39.3386)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5FF99
RGB	229, 255, 153
RGB Percent	90%, 100%, 60%
CMY	0.1020, 0.0000, 0.4000
CMYK	0.10, 0.00, 0.40, 0.00
HSL	75°, 100%, 80%
HSV	75°, 40%, 100%
XYZ	73.8229, 90.4780, 43.7101
YIQ	235.5980, 17.2460, -37.2340

# Conversions

## Conversions Part 2

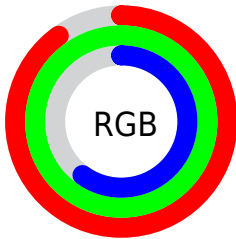
<b>Format</b>	<b>Color</b>
<b>RYB</b>	153, 255, 179
Decimal	15073177
CIELab	96.19, -23.99, 45.90
CIELCh	96, 51.791, 117.594
Yxy	90.4781, 0.3549, 0.4350
Android (android.graphics.Color)	4293263257 (0xFFE5FF99)
YUV	235.5980, -40.7208, -5.7864
Hunter-Lab	95.1199, -27.9253, 39.3386

# Details

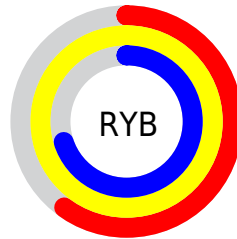
The HunterLab color  $95.1199, -27.9253, 39.3386$  is a light color, and the websafe version is hex  $CCFF99$ . A complement of this color would be  $62.9186, 26.1614, -49.9235$ , and the grayscale version is  $91.5774, -4.8863, 4.9756$ .

A 20% lighter version of the original color is  $98.6831, -12.5991, 24.3455$ , and  $70.7665, -24.1881, 33.0812$  is the 20% darker color. If you saturate the color by 10%, you get  $94.1669, -32.2895, 44.7094$ , and if you desaturate by 10%, it is  $96.1780, -23.0422, 32.7325$ .

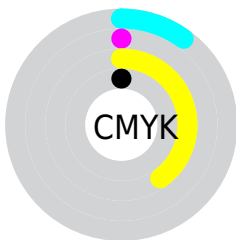
# Distribution



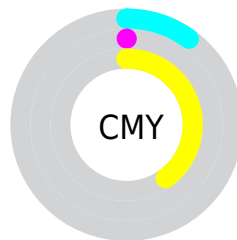
- Red (90%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (70%)



- Cyan (10%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)




- Cyan (10%)
- Magenta (0%)
- Yellow (40%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 95.1199, -27.9253, 39.3386 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 95.1199, -27.9253, 39.3386 by changing the saturation by 10% instead.





 95.1199, -27.9253,  
39.3386


 95.1199, -27.9253,  
39.3386


230.1271,  
-43.6526, 63.8205

 82.6905, -26.1119,  
36.2955


 121.6562,  
-31.4847, 45.1565

 70.8553, -24.2673,  
33.1410


 135.7182,  
-33.2415, 47.9595

 59.6457, -22.3813,  
29.8511


150.2839,  
-34.9880, 50.7055

 49.0988, -20.4405,  
26.3963

165.3362,  
-36.7272, 53.4024

 39.2594, -18.4256,  
22.7393

180.8601,  
-38.4614, 56.0571

 30.1823, -16.3081,  
18.8360

196.8415,

 21.9382, -14.0426,

-40.1926, 58.6752

15.3567

213.2678,  
-41.9226, 61.2616

■ 14.6214, -11.5501,  
10.2350

■ 8.2813, -13.0652,  
5.7969

■ 95.1199, -27.9253,  
39.3386

■ 95.1199, -27.9253,  
39.3386

■ 94.1669, -32.2895,  
44.7094

■ 96.1780, -23.0422,  
32.7325

■ 93.3158, -36.1407,  
48.8807

■ 97.3433, -17.6432,  
24.8776

■ 92.5620, -39.4925,  
51.9062

■ 98.6171, -11.7364,  
15.7730

■ 91.8997, -42.3689,  
53.8656

100.0000, -5.3358,  
5.4332

■ 91.3210, -44.8082,  
54.8714

■ 90.8114, -46.8897,  
55.1366

■ 90.8113, -46.8899,  
55.1366

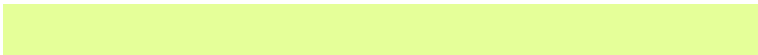
# Harmonies

## Analogous

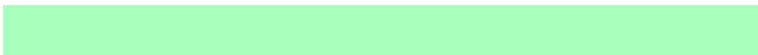
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.1200, -2.8937, 42.4496



95.1199, -27.9253, 39.3386



95.1200, -45.0159, 27.9990

# Triad

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



95.1200, -27.9250, 39.3379



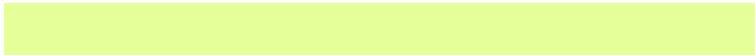
95.1200, -31.3028, -46.5853



95.1200, 52.4630, 3.0834

# Complementary

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



95.1199, -27.9253, 39.3386



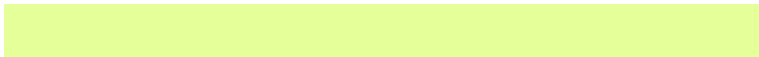
62.9186, 26.1614, -49.9235

# 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.



95.1200, 42.7708, -25.2292



95.1199, -27.9253, 39.3386



95.1200, -7.2476, -58.4584

# Square

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



95.1200, -27.9250, 39.3379



95.1200, -46.8081, -20.6186



95.1200, 20.1467, -49.7267

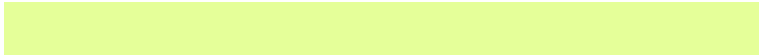


95.1200, 45.3699, 25.3074



# Rectangle

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



95.1199, -27.9253, 39.3386



95.1200, -50.6065, 15.1763



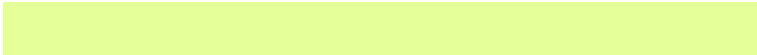
95.1200, 20.1467, -49.7267



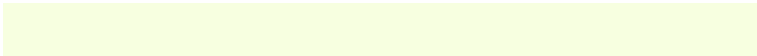
95.1200, 51.0384, -6.0401

# Sweetspot

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



95.1200, -27.9250, 39.3379



98.3535, -12.9585, 17.6946



74.5661, 20.3470, 22.3395



45.4243, -6.3593, 8.7542

0.0000, NaN, NaN

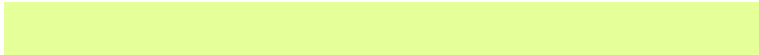


46.2646, -2.4686, 2.5136



# Same Dimension

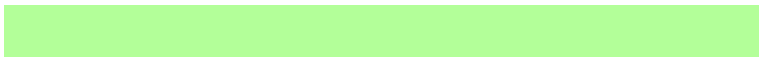
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.1200, -27.9250, 39.3379



94.3492, -31.4584, 43.7331



91.2932, -42.4770, 35.9376



45.6552, -5.2887, 7.0742



65.7007, -33.6698, 39.8950



20.6275, -10.0097, 12.5353



# Inverse Universe

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



62.9186, 26.1614, -49.9235



56.3534, 33.3134, -64.2299



68.3695, 42.0013, -39.1794



41.9541, 0.7684, -2.7521



21.0224, 53.9466, -125.5235

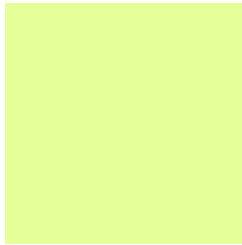


6.9260, 17.1644, -36.6354



# Previews

## White Background



This preview shows how the HunterLab color 95.1199, -27.9253, 39.3386 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 95.1199, -27.9253, 39.3386 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

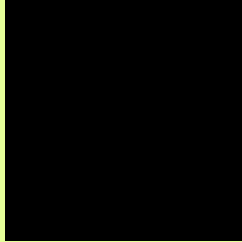
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

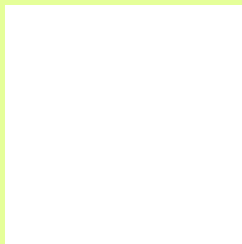
Any Text WCAG AAA ✓ Pass

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

## HunterLab 95.1199, -27.9253, 39.3386 Background



This preview shows how black text looks on a background with the HunterLab color 95.1199, -27.9253, 39.3386.



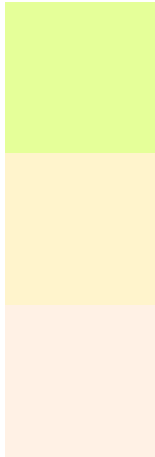
This preview shows how white text looks on a background with the HunterLab color 95.1199, -27.9253, 39.3386.

-27.9253, 39.3386.

# 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

95.1199, -27.9253, 39.3386

### Protanopia

95.0374, -7.6260, 22.7890

### Deuteranopia

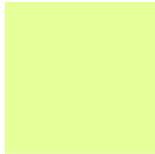
94.7775, -2.3132, 11.9882



## Tritanopia

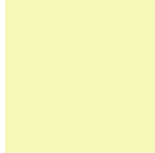
95.0662, -2.8935, -0.4754

# Trichromacy



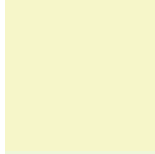
## Original Color

95.1199, -27.9253, 39.3386



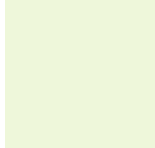
## Protanomaly

94.9897, -15.2790, 29.6158



## Deuteranomaly

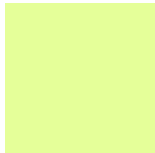
94.7214, -12.1695, 23.5654



## Tritanomaly

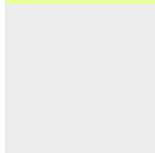
94.7421, -12.8589, 16.6451

# Monochromacy



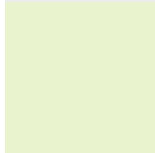
## Original Color

95.1199, -27.9253, 39.3386



## Achromatopsia

91.5860, -4.8868, 4.9760



## Achromatomaly

92.6720, -14.2567, 19.4959

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 95.1199, -27.9253, 39.3386 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(229, 255, 153)` looks like.

```
.text, #text, p{  
    color:rgb(229, 255, 153)  
}
```

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(229, 255, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 255, 153) }
```

## Border

The CSS property to change the border of an element to HunterLab 95.1199, -27.9253, 39.3386 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(229, 255, 153) }
```



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

```
.border{ border-color:rgb(229, 255, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 255, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 255, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 255, 153);  
box-shadow:4px 4px 4px 4px rgb(229, 255,  
153) }
```

# Background

The CSS property to change the background color of an element to HunterLab 95.1199, -27.9253, 39.3386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 255, 153) }
```

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

```
.background{ background-color: rgb(229,  
255, 153) }
```

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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