

Converting Colors

HunterLab(96.6351, -57.3805,
41.0762)

Have a look what the booklet for
HunterLab(96.6351, -57.3805,
41.0762) contains.

HunterLab(89.5931, -49.3065, 35.5270)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(89.5931,
-49.3065, 35.5270)**

Conversions

Conversions Part 1

Format	Color
Hex	97FF95
RGB	151, 255, 149
RGB Percent	59%, 100%, 58%
CMY	0.4078, 0.0000, 0.4157
CMYK	0.41, 0.00, 0.42, 0.00
HSL	119°, 100%, 79%
HSV	119°, 42%, 100%
XYZ	53.9473, 80.2692, 41.0840
YIQ	211.8200, -27.9580, -55.0140

Conversions

Conversions Part 2

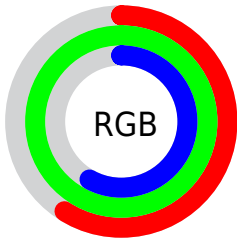
Format	Color
RYB	149, 255, 253
Decimal	9961365
CIELab	91.81, -50.70, 41.35
CIElCh	92, 65.421, 140.800
Yxy	80.2694, 0.3077, 0.4579
Android (android.graphics.Color)	4288151445 (0xFF97FF95)
YUV	211.8200, -30.9703, -53.3391
Hunter-Lab	89.5931, -49.3065, 35.5270

Details

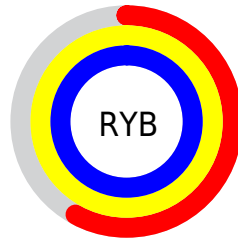
The HunterLab color $89.5931, -49.3065, 35.5270$ is a light color, and the websafe version is hex $99FF99$. A complement of this color would be $70.4265, 52.4155, -35.3333$, and the grayscale version is $81.2009, -4.3327, 4.4118$.

A 20% lighter version of the original color is $94.5700, -27.7985, 21.9718$, and $65.9999, -42.9648, 29.9754$ is the 20% darker color. If you saturate the color by 10%, you get $87.9755, -56.6310, 40.4783$, and if you desaturate by 10%, it is $91.5577, -40.6026, 29.6082$.

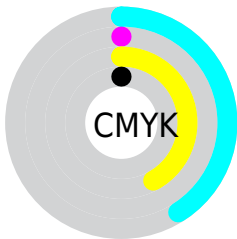
Distribution



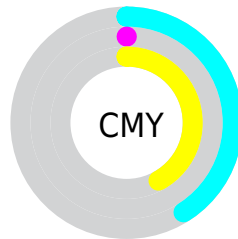
- Red (59%)
- Green (100%)
- Blue (58%)



- Red (58%)
- Yellow (100%)
- Blue (99%)



- Cyan (41%)
- Magenta (0%)
- Yellow (42%)
- Black (0%)



- Cyan (41%)
- Magenta (0%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 89.5931, -49.3065, 35.5270 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 89.5931, -49.3065, 35.5270 by changing the saturation by 10% instead.

89.5931, -49.3065,
35.5270

89.5931, -49.3065,
35.5270

222.6747,
-75.3567, 58.3232

77.4210, -46.0525,
32.7017

115.6479,
-55.5146, 40.9297

65.8562, -42.6714,
29.7719

129.4832,
-58.5008, 43.5348

54.9325, -39.1325,
26.7130

143.8300,
-61.4238, 46.0889

44.6901, -35.3948,
23.4941

158.6707,
-64.2927, 48.5997

35.1777, -31.3998,
20.0749

173.9894,
-67.1147, 51.0736

26.4564, -27.0605,
16.4060

189.7716,

18.6058, -22.2403,

-69.8960, 53.5159

13.0240

206.0041,
-72.6418, 55.9311

■ 11.7358, -20.4674,
8.2150

■ 4.4709, -7.8241,
3.1297

■ 89.5931, -49.3065,
35.5270

■ 89.5931, -49.3065,
35.5270

■ 87.9755, -56.6310,
40.4783

■ 91.5577, -40.6026,
29.6082

■ 86.6986, -62.5177,
44.4260

■ 93.8687, -30.6191,
22.7898

■ 85.7488, -66.9561,
47.3670

■ 96.5205, -19.4800,
15.1558

■ 85.1041, -69.9963,
49.3415

■ 99.5033, -7.3239,
6.8015

■ 84.7316, -71.7590, 100.0000, -5.3358,
50.4412 5.4332

■ 84.5878, -72.4398,
50.8544

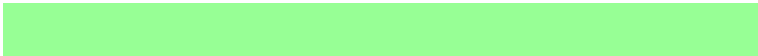
Harmonies

Analogous

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



89.5932, -26.4621, 45.2438



89.5931, -49.3065, 35.5270



89.5932, -59.7599, 14.1022

Triad

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



89.5932, -49.3060, 35.5263



89.5932, -14.8207, -78.7808



89.5932, 63.4760, 23.9659

Complementary

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



89.5931, -49.3065, 35.5270



70.4265, 52.4155, -35.3333

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.



89.5932, 67.8044, -5.4476



89.5931, -49.3065, 35.5270



89.5932, 19.1710, -73.0598

Square

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



89.5932, -49.3060, 35.5263



89.5932, -41.8584, -56.5324



89.5932, 50.5913, -42.9460



89.5932, 39.5090, 40.4688

Rectangle

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



89.5931, -49.3065, 35.5270



89.5932, -59.5291, -7.3378



89.5932, 50.5913, -42.9460



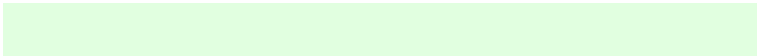
89.5932, 67.4009, 15.5821

Sweetspot

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



89.5932, -49.3060, 35.5263



96.3988, -19.9839, 15.5016



96.2893, -17.7781, 41.5130



44.4303, -9.9441, 7.6511

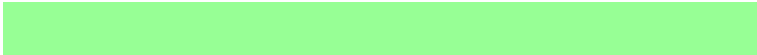
0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

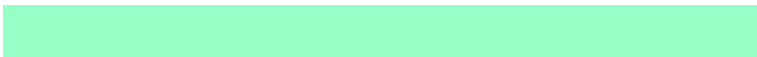
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.5932, -49.3060, 35.5263



88.2063, -55.5769, 39.7679



90.5587, -43.3613, 19.8782



44.9271, -7.8885, 6.2402



61.1506, -52.3389, 36.7645



19.0956, -16.2701, 11.4818

Inverse Universe

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



70.4265, 52.4155, -35.3333



65.8296, 63.9382, -43.5261



68.6946, 43.6744, -7.0490



42.7573, 3.4792, -1.6721



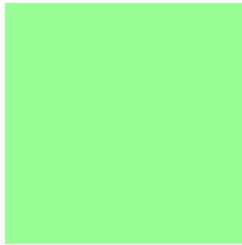
37.9724, 74.9637, -52.4763



11.8713, 23.4241, -16.3142

Previews

White Background



This preview shows how the HunterLab color 89.5931, -49.3065, 35.5270 looks on a white background.

Color Contrast Check

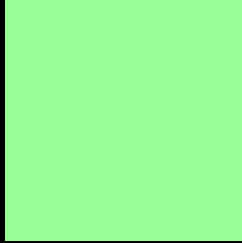
Large Text (above 18pt) WCAG AA × Fail

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 89.5931, -49.3065, 35.5270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

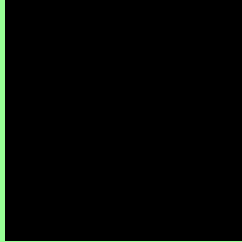
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

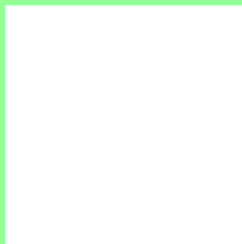
Any Text WCAG AAA ✓ Pass

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

HunterLab 89.5931, -49.3065, 35.5270 Background



This preview shows how black text looks on a background with the HunterLab color 89.5931, -49.3065, 35.5270.



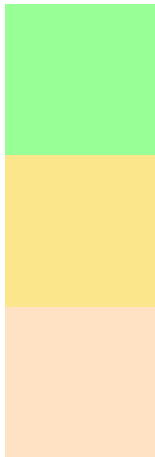
This preview shows how white text looks on a background with the HunterLab color 89.5931, -49.3065, 35.5270.

-49.3065, 35.5270.

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

89.5931, -49.3065, 35.5270

Protanopia

88.9681, -9.0270, 38.3857

Deuteranopia

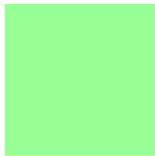
88.9359, 1.1721, 20.0064



Tritanopia

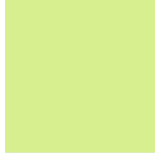
89.1728, -17.1120, -8.2554

Trichromacy



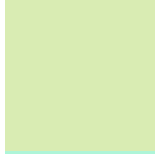
Original Color

89.5931, -49.3065, 35.5270



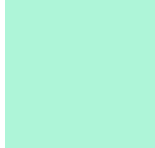
Protanomaly

88.4100, -25.8066, 36.5987



Deuteranomaly

88.3161, -19.6466, 25.4449



Tritanomaly

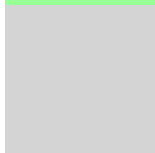
89.0288, -30.4847, 11.0606

Monochromacy



Original Color

89.5931, -49.3065, 35.5270



Achromatopsia

81.1403, -4.3294, 4.4085



Achromatomaly

83.7306, -22.5324, 17.1088

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 89.5931, -49.3065, 35.5270 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(151, 255, 149)` looks like.

```
.text, #text, p{  
    color:rgb(151, 255, 149)  
}
```

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(151, 255, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 255, 149) }
```

Border

The CSS property to change the border of an element to HunterLab 89.5931, -49.3065, 35.5270 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(151, 255, 149) }
```


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

```
.border{ border-color:rgb(151, 255, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 255, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 255, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 255, 149); box-shadow:4px 4px 4px 4px rgb(151, 255, 149) }
```

Background

The CSS property to change the background color of an element to HunterLab 89.5931, -49.3065, 35.5270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 255, 149) }
```

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

```
.background{ background-color: rgb(151,  
255, 149) }
```

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