

# Converting Colors

HunterLab(100.0000, -57.9240,  
54.2316)

Have a look what the booklet for  
HunterLab(100.0000, -57.9240,  
54.2316) contains.

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# Color

**HunterLab(90.5812,  
-46.8862, 47.9084)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4FF5F
RGB	180, 255, 95
RGB Percent	71%, 100%, 37%
CMY	0.2941, 0.0000, 0.6274
CMYK	0.29, 0.00, 0.63, 0.00
HSL	88°, 100%, 69%
HSV	88°, 63%, 100%
XYZ	56.6480, 82.0495, 23.6780
YIQ	214.3350, 6.6600, -65.6600

# Conversions

## Conversions Part 2

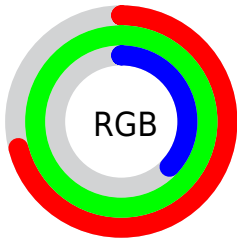
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 255, 170
Decimal	11861855
CIELab	92.60, -47.31, 66.96
CIElCh	93, 81.991, 125.243
Yxy	82.0496, 0.3489, 0.5053
Android (android.graphics.Color)	4290051935 (0xFFB4FF5F)
YUV	214.3350, -58.8322, -30.1118
Hunter-Lab	90.5812, -46.8862, 47.9084

# Details

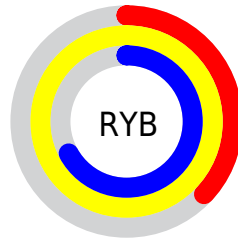
The HunterLab color **90.5812, -46.8862, 47.9084** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **48.9407, 55.5809, -83.4839**, and the grayscale version is **82.3914, -4.3962, 4.4765**.

A 20% lighter version of the original color is **95.9714, -24.8423, 40.6145**, and **66.8141, -40.7606, 39.1140** is the 20% darker color. If you saturate the color by 10%, you get **89.6024, -51.2047, 50.5360**, and if you desaturate by 10%, it is **91.6999, -41.9147, 44.1781**.

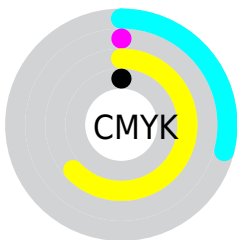
# Distribution



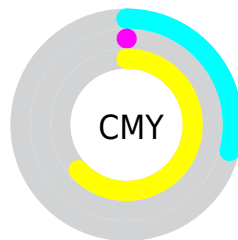
- Red (71%)
- Green (100%)
- Blue (37%)



- Red (37%)
- Yellow (100%)
- Blue (67%)



- Cyan (29%)
- Magenta (0%)
- Yellow (63%)
- Black (0%)




- Cyan (29%)
- Magenta (0%)
- Yellow (63%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 90.5812, -46.8862, 47.9084 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 90.5812, -46.8862, 47.9084 by changing the saturation by 10% instead.





 90.5812, -46.8862,  
47.9084


 90.5812, -46.8862,  
47.9084


224.0120,  
-71.5628, 81.5277

 78.3622, -43.8277,  
43.5908


 116.7234,  
-52.7382, 56.0835

 66.7482, -40.6559,  
39.0904


 130.5998,  
-55.5601, 59.9810

 55.7725, -37.3437,  
34.3804


 144.9863,  
-58.3264, 63.7725

 45.4745, -33.8545,  
29.4355

 159.8654,  
-61.0452, 67.4707

 35.9024, -30.1360,  
24.3836

175.2213,  
-63.7231, 71.0866

 27.1159, -26.1102,  
18.9811

191.0396,

 19.1928, -21.6544,

-66.3656, 74.6296

13.4350

207.3072,  
-68.9775, 78.1077

■ 12.2402, -18.9339,  
8.5681

■ 5.3617, -9.3829,  
3.7532

■ 90.5812, -46.8862,  
47.9084

■ 90.5812, -46.8862,  
47.9084

■ 89.6024, -51.2047,  
50.5360

■ 91.6999, -41.9147,  
44.1781

■ 88.7576, -54.8856,  
52.1390

■ 92.9622, -36.2909,  
39.3022

■ 88.0382, -57.9633,  
52.8338

■ 94.3701, -30.0263,  
33.2598

■ 87.5840, -59.8753,  
52.9206

■ 95.9245, -23.1419,  
26.0516

■ 97.6246, -15.6660,  
17.6951

■ 99.4691, -7.6322,  
8.2217

■ 100.0000, -5.3358,  
5.4332

# Harmonies

## Analogous

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



90.5812, -12.0993, 52.9198



90.5812, -46.8862, 47.9084



90.5812, -67.1254, 31.5625

# Triad

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



90.5812, -46.8859, 47.9077



90.5812, -36.2368, -96.2470



90.5812, 90.4228, 11.6727

# Complementary

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



90.5812, -46.8862, 47.9084



48.9407, 55.5809, -83.4839

# 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.



90.5812, 80.7784, -33.5006



90.5812, -46.8862, 47.9084



90.5812, 2.6595, -109.7771

# Square

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



90.5812, -46.8859, 47.9077



90.5812, -61.8074, -51.5427



90.5812, 46.6299, -82.9241



90.5812, 71.0018, 39.0014



# Rectangle

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



90.5812, -46.8862, 47.9084



90.5812, -72.0851, 11.0734



90.5812, 46.6299, -82.9241



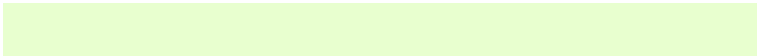
90.5812, 90.5050, -1.6750

# Sweetspot

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



90.5812, -46.8859, 47.9077



96.5438, -20.4111, 23.0567



71.2123, 19.8046, 35.2125



44.4458, -10.4120, 11.7326

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



90.5812, -46.8859, 47.9077



89.4003, -52.0903, 50.9840



86.6458, -62.8006, 44.8822



45.4347, -6.0715, 6.8228



63.3815, -42.9904, 38.3028



19.9411, -12.7457, 12.0645



# Inverse Universe

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



48.9407, 55.5809, -83.4839



42.0358, 66.9165, -106.3670



59.7225, 79.1418, -55.7363



42.1843, 1.5504, -2.4404



24.3492, 57.1920, -104.3676

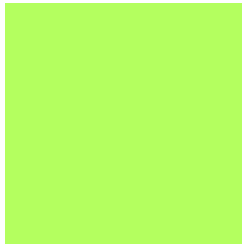


8.0100, 18.3031, -30.3717



# Previews

## White Background



This preview shows how the HunterLab color 90.5812, -46.8862, 47.9084 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

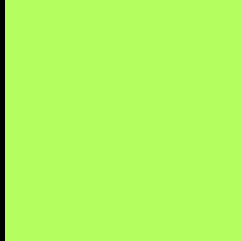
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 90.5812, -46.8862, 47.9084 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

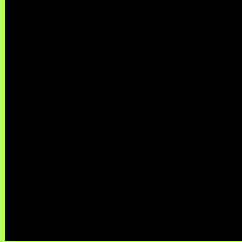
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

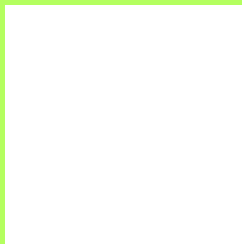
Any Text WCAG AAA ✓ Pass

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

## HunterLab 90.5812, -46.8862, 47.9084 Background



This preview shows how black text looks on a background with the HunterLab color 90.5812, -46.8862, 47.9084.



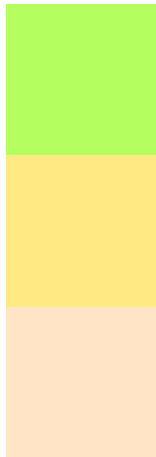
This preview shows how white text looks on a background with the HunterLab color 90.5812, -46.8862, 47.9084.

-46.8862, 47.9084.

# 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

90.5812, -46.8862, 47.9084

### Protanopia

90.0830, -10.2051, 41.4301

### Deuteranopia

90.1831, -0.7873, 20.8284



## Tritanopia

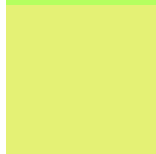
90.2723, -11.4981, -6.7134

# Trichromacy



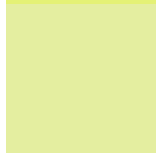
## Original Color

90.5812, -46.8862, 47.9084



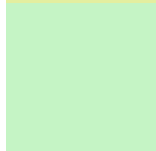
## Protanomaly

89.8270, -24.7315, 43.8097



## Deuteranomaly

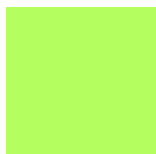
89.5439, -19.3250, 32.8172



## Tritanomaly

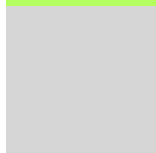
89.7791, -26.9756, 19.9648

# Monochromacy



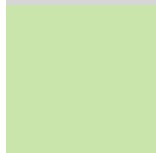
## Original Color

90.5812, -46.8862, 47.9084



## Achromatopsia

82.0026, -4.3755, 4.4554



## Achromatomaly

84.5786, -21.9608, 24.7241

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 90.5812, -46.8862, 47.9084 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(180, 255, 95)` looks like.

```
.text, #text, p{  
    color:rgb(180, 255, 95)  
}
```

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(180, 255, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 255, 95) }
```

## Border

The CSS property to change the border of an element to HunterLab 90.5812, -46.8862, 47.9084 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(180, 255, 95) }
```



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

```
.border{ border-color:rgb(180, 255, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 255, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 255, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 255, 95);  
box-shadow:4px 4px 4px 4px rgb(180, 255,  
95) }
```

# Background

The CSS property to change the background color of an element to HunterLab 90.5812, -46.8862, 47.9084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 255, 95) }
```

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

```
.background{ background-color: rgb(180,  
255, 95) }
```

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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