

# Converting Colors

HunterLab(84.7890, -49.8651,  
39.4330)

Have a look what the booklet for  
HunterLab(84.7890, -49.8651,  
39.4330) contains.

<b>HunterLab(84.7114, -49.6805, 39.3329)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(84.7114,  
-49.6805, 39.3329)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8EF476
RGB	142, 244, 118
RGB Percent	56%, 96%, 46%
CMY	0.4431, 0.0431, 0.5372
CMYK	0.42, 0.00, 0.52, 0.04
HSL	109°, 85%, 71%
HSV	109°, 52%, 96%
XYZ	46.7761, 71.7602, 28.5254
YIQ	199.1380, -20.3460, -60.8100

# Conversions

## Conversions Part 2

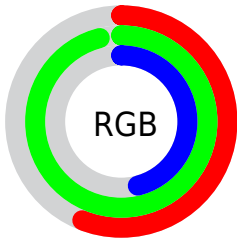
<b>Format</b>	<b>Color</b>
<b>RYB</b>	118, 244, 220
Decimal	9368694
CIELab	87.85, -52.89, 51.08
CIElCh	88, 73.528, 135.993
Yxy	71.7633, 0.3181, 0.4880
Android (android.graphics.Color)	4287558774 (0xFF8EF476)
YUV	199.1380, -40.0010, -50.1100
Hunter-Lab	84.7114, -49.6805, 39.3329

# Details

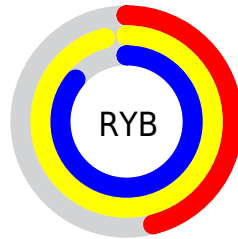
The HunterLab color **84.7114, -49.6805, 39.3329** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **58.9123, 55.4486, -48.8684**, and the grayscale version is **75.8042, -4.0447, 4.1186**.

A 20% lighter version of the original color is **93.1754, -34.4680, 31.6535**, and **61.4875, -42.6315, 32.3197** is the 20% darker color. If you saturate the color by 10%, you get **83.4632, -55.3471, 43.0042**, and if you desaturate by 10%, it is **86.2120, -42.9672, 34.6619**.

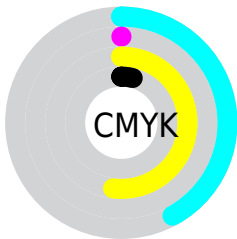
# Distribution



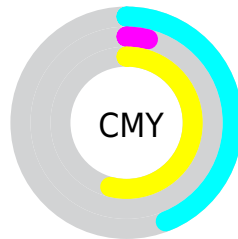
- Red (56%)
- Green (96%)
- Blue (46%)



- Red (46%)
- Yellow (96%)
- Blue (86%)



- Cyan (42%)
- Magenta (0%)
- Yellow (52%)
- Black (4%)




- Cyan (44%)
- Magenta (4%)
- Yellow (54%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.7114, -49.6805, 39.3329 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 84.7114, -49.6805, 39.3329 by changing the saturation by 10% instead.





 84.7114, -49.6805,  
39.3329


 84.7114, -49.6805,  
39.3329


216.0364,  
-76.8206, 66.4311


 72.7773, -46.2565,  
35.8882


 110.3267,  
-56.1913, 45.8670

 61.4614, -42.6837,  
32.2933


 123.9546,  
-59.3111, 48.9906

 50.8017, -38.9280,  
28.5188


 138.1015,  
-62.3589, 52.0371

 40.8414, -34.9401,  
24.5289

152.7490,  
-65.3450, 55.0171

 31.6334, -30.6485,  
20.2844

167.8806,  
-68.2777, 57.9396

 23.2453, -25.9453,  
16.2717

183.4814,

 15.7666, -20.9381,

-71.1641, 60.8120

11.0366

199.5375,  
-74.0101, 63.6407

■ 9.3249, -16.3186,  
6.5275

0.0000, NaN, NaN

■ 84.7114, -49.6805,  
39.3329

■ 84.7114, -49.6805,  
39.3329

■ 83.4632, -55.3471,  
43.0042

■ 86.2120, -42.9672,  
34.6619

■ 82.4562, -59.9404,  
45.6876


■ 87.9616, -35.2505,  
29.0056


■ 81.6820, -63.4718,  
47.4333


■ 89.9604, -26.5992,  
22.4038

■ 81.1250, -65.9896,  
48.3361

■ 92.2042, -17.0945,  
14.9133

 80.8060, -67.4089,  
48.6122

 94.6868, -6.8248,  
6.6028

 96.5320, 0.5270,  
1.3837

# Harmonies

## Analogous

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



84.7132, -23.1672, 47.1733



84.7114, -49.6805, 39.3329



84.7132, -62.8706, 19.3508

# Triad

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



84.7132, -49.6821, 39.3335



84.7132, -20.9941, -90.2585



84.7132, 74.8710, 21.1519

# Complementary

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



84.7114, -49.6805, 39.3329



58.9123, 55.4486, -48.8684

# Split Complementary

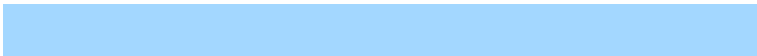
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.7132, 75.7237, -13.3700



84.7114, -49.6805, 39.3329



84.7132, 15.8840, -89.0801

# Square

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



84.7132, -49.6821, 39.3335



84.7132, -48.3265, -59.5654



84.7132, 52.6685, -56.8172



84.7132, 50.5069, 40.1648



# Rectangle

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



84.7114, -49.6805, 39.3329



84.7132, -64.0795, -2.7282



84.7132, 52.6685, -56.8172



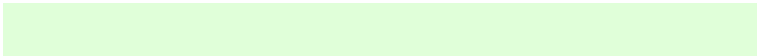
84.7132, 78.0420, 11.3475

# Sweetspot

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



84.7132, -49.6821, 39.3335



96.1091, -21.4613, 18.4544



84.3227, -8.1464, 39.7645



44.2325, -10.9108, 9.3128

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



84.7132, -49.6821, 39.3335



87.6892, -58.4611, 45.3801



84.2317, -50.3311, 28.9441



43.1553, -6.9569, 6.1403



59.6207, -49.5502, 35.8706



17.7887, -14.2091, 10.7126



# Inverse Universe

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



58.9123, 55.4486, -48.8684



56.3390, 70.3813, -63.6154



60.5458, 56.0601, -19.0196



40.7425, 2.6821, -1.8316



31.7836, 65.6042, -66.0798

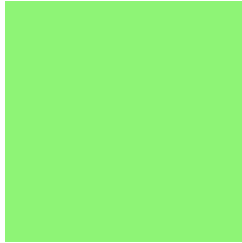


9.6331, 19.7372, -18.8934



# Previews

## White Background



This preview shows how the HunterLab color 84.7114, -49.6805, 39.3329 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 84.7114, -49.6805, 39.3329 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

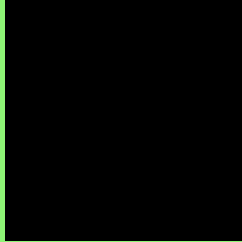
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

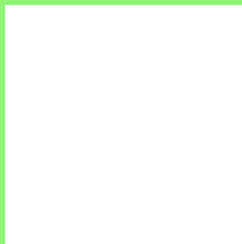
Any Text WCAG AAA ✓ Pass

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

## HunterLab 84.7114, -49.6805, 39.3329 Background



This preview shows how black text looks on a background with the HunterLab color 84.7114, -49.6805, 39.3329.



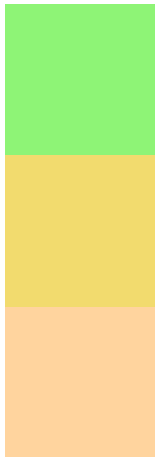
This preview shows how white text looks on a background with the HunterLab color 84.7114, -49.6805, 39.3329.

-49.6805, 39.3329.

# 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

84.7114, -49.6805, 39.3329

### Protanopia

84.0631, -9.5904, 41.2269

### Deuteranopia

84.1520, 3.2411, 29.1199



## Tritanopia

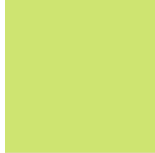
84.5446, -19.2349, -10.5198

# Trichromacy



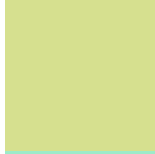
## Original Color

84.7114, -49.6805, 39.3329



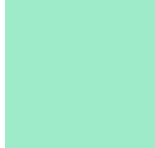
## Protanomaly

83.5469, -26.1822, 39.9360



## Deuteranomaly

83.4210, -19.0030, 32.6014



## Tritanomaly

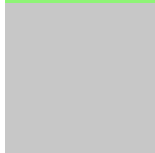
84.1438, -32.3678, 12.3459

# Monochromacy



## Original Color

84.7114, -49.6805, 39.3329



## Achromatopsia

75.5728, -4.0324, 4.1060



## Achromatomaly

78.0821, -22.5324, 18.8419

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 84.7114, -49.6805, 39.3329 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(142, 244, 118)` looks like.

```
.text, #text, p{  
    color:rgb(142, 244, 118)  
}
```

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(142, 244, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 244, 118) }
```

## Border

The CSS property to change the border of an element to HunterLab 84.7114, -49.6805, 39.3329 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(142, 244, 118) }
```



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

```
.border{ border-color:rgb(142, 244, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 244, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 244, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 244, 118);  
box-shadow:4px 4px 4px 4px rgb(142, 244,  
118) }
```

# Background

The CSS property to change the background color of an element to HunterLab 84.7114, -49.6805, 39.3329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 244, 118) }
```

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

```
.background{ background-color: rgb(142,  
244, 118) }
```

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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