

Converting Colors

HunterLab(84.7191, -49.6879,
39.5558)

Have a look what the booklet for
HunterLab(84.7191, -49.6879,
39.5558) contains.

HunterLab(84.6974, -49.7645, 39.5378)	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(84.6974,
-49.7645, 39.5378)**

Conversions

Conversions Part 1

Format	Color
Hex	8EF475
RGB	142, 244, 117
RGB Percent	56%, 96%, 46%
CMY	0.4431, 0.0431, 0.5412
CMYK	0.42, 0.00, 0.52, 0.04
HSL	108°, 85%, 71%
HSV	108°, 52%, 96%
XYZ	46.7169, 71.7365, 28.2140
YIQ	199.0240, -20.0250, -61.1210

Conversions

Conversions Part 2

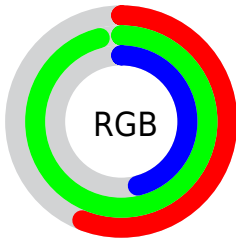
Format	Color
RYB	117, 244, 219
Decimal	9368693
CIELab	87.84, -53.00, 51.53
CIELCh	88, 73.924, 135.806
Yxy	71.7395, 0.3185, 0.4891
Android (android.graphics.Color)	4287558773 (0xFF8EF475)
YUV	199.0240, -40.4378, -50.0100
Hunter-Lab	84.6974, -49.7645, 39.5378

Details

The HunterLab color $84.6974, -49.7645, 39.5378$ is a light color, and the websafe version is hex $99FF66$. A complement of this color would be $58.5805, 55.6509, -49.5572$, and the grayscale version is $75.7573, -4.0422, 4.1160$.

A 20% lighter version of the original color is $93.1547, -34.5879, 31.9548$, and $61.4782, -42.6887, 32.4574$ is the 20% darker color. If you saturate the color by 10%, you get $83.4593, -55.3840, 43.1660$, and if you desaturate by 10%, it is $86.1852, -43.1074, 34.9080$.

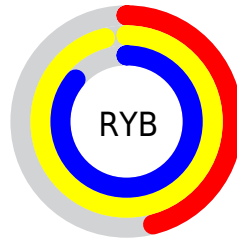
Distribution



Red (56%)

Green (96%)

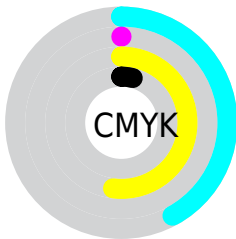
Blue (46%)



Red (46%)

Yellow (96%)

Blue (86%)

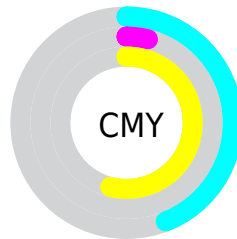


Cyan (42%)

Magenta (0%)

Yellow (52%)

Black (4%)



Cyan (44%)


Magenta (4%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 84.6974, -49.7645, 39.5378 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 84.6974, -49.7645, 39.5378 by changing the saturation by 10% instead.


 84.6974, -49.7645,
39.5378


 84.6974, -49.7645,
39.5378


216.0173,
-76.9529, 66.8295

 72.7640, -46.3336,
36.0660


 110.3115,
-56.2878, 46.1219

 61.4489, -42.7535,
32.4424


 123.9387,
-59.4134, 49.2687

 50.7899, -38.9898,
28.6376


 138.0850,
-62.4667, 52.3373

 40.8304, -34.9932,
24.6158

152.7320,
-65.4581, 55.3385

 31.6233, -30.6919,
20.3385

167.8631,
-68.3959, 58.2813

 23.2362, -25.9777,
16.2653

183.4633,

 15.7586, -20.9668,

-71.2871, 61.1733

11.0310

199.5188,
-74.1378, 64.0209

■ 9.3181, -16.3067,
6.5227

0.0000, NaN, NaN

■ 84.6974, -49.7645,
39.5378

■ 84.6974, -49.7645,
39.5378

■ 83.4593, -55.3840,
43.1660

■ 86.1852, -43.1074,
34.9080

■ 82.4598, -59.9404,
45.8064


■ 87.9192, -35.4545,
29.2892


■ 81.6903, -63.4460,
47.5111


■ 89.8999, -26.8730,
22.7197

■ 81.1354, -65.9495,
48.3773

■ 92.1234, -17.4422,
15.2549

 80.8290, -67.3109,
48.6281

 94.5834, -7.2492,
6.9622

 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.



84.6992, -23.0580, 47.3173



84.6974, -49.7645, 39.5378



84.6992, -63.0869, 19.5931

Triad

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



84.6992, -49.7661, 39.5384



84.6992, -21.2844, -90.8415



84.6992, 75.4456, 21.0619

Complementary

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



84.6974, -49.7645, 39.5378



58.5805, 55.6509, -49.5572

Split Complementary

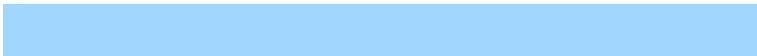
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.6992, 76.1429, -13.7349



84.6974, -49.7645, 39.5378



84.6992, 15.7552, -89.8762

Square

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



84.6992, -49.7661, 39.5384



84.6992, -48.6607, -59.7450



84.6992, 52.8081, -57.4953



84.6992, 51.0409, 40.2142

Rectangle

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



84.6974, -49.7645, 39.5378



84.6992, -64.3561, -2.5317



84.6992, 52.8081, -57.4953



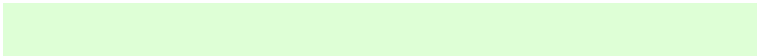
84.6992, 78.5854, 11.1801

Sweetspot

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



84.6992, -49.7661, 39.5384



95.8912, -22.3943, 19.2773



84.2469, -8.1238, 39.9254



44.1405, -11.3073, 9.6679

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.6992, -49.7661, 39.5384



87.7335, -58.2798, 45.4145



84.1763, -50.5820, 29.1090



43.1613, -6.9356, 6.1472



59.6387, -49.4739, 35.8829



17.7960, -14.1782, 10.7176

Inverse Universe

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



58.5805, 55.6509, -49.5572



56.1956, 70.0692, -63.9632



60.3399, 56.5188, -19.1462



40.7356, 2.6591, -1.8407



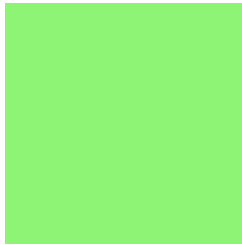
31.6059, 65.3628, -66.6816



9.5865, 19.6732, -19.0454

Previews

White Background



This preview shows how the HunterLab color 84.6974, -49.7645, 39.5378 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 84.6974, -49.7645, 39.5378 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

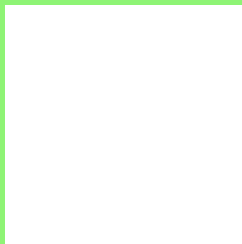
Any Text WCAG AAA ✓ Pass

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

HunterLab 84.6974, -49.7645, 39.5378 Background



This preview shows how black text looks on a background with the HunterLab color 84.6974, -49.7645, 39.5378.



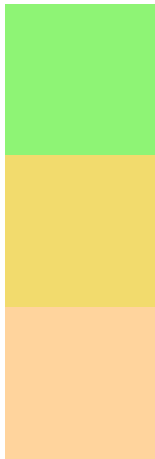
This preview shows how white text looks on a background with the HunterLab color 84.6974,

-49.7645, 39.5378.

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

84.6974, -49.7645, 39.5378

Protanopia

84.0502, -9.6618, 41.4163

Deuteranopia

84.1316, 3.1313, 29.4167



Tritanopia

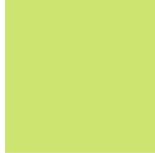
84.5446, -19.2349, -10.5198

Trichromacy



Original Color

84.6974, -49.7645, 39.5378



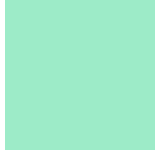
Protanomaly

83.5335, -26.2592, 40.1329



Deuteranomaly

83.4029, -19.1053, 32.8656



Tritanomaly

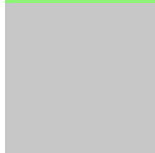
84.1159, -32.5298, 12.7462

Monochromacy



Original Color

84.6974, -49.7645, 39.5378



Achromatopsia

75.5728, -4.0324, 4.1060



Achromatomaly

78.0579, -22.6704, 19.1910

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.6974, -49.7645, 39.5378 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, 117)` looks like.

```
.text, #text, p{  
    color:rgb(142, 244, 117)  
}
```

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, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 244, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 84.6974, -49.7645, 39.5378 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, 117) }
```


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

```
.border{ border-color:rgb(142, 244, 117) }
```

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, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 244, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 244, 117); box-shadow:4px 4px 4px 4px rgb(142, 244, 117) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.6974, -49.7645, 39.5378 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, 117) }
```

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

```
.background{ background-color: rgb(142,  
244, 117) }
```

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