

Converting Colors

HunterLab(84.5395, -48.7913,
36.5840)

Have a look what the booklet for
HunterLab(84.5395, -48.7913,
36.5840) contains.

HunterLab(84.4166, -48.7101, 36.5773)	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(84.4166,
-48.7101, 36.5773)**

Conversions

Conversions Part 1

Format	Color
Hex	8CF381
RGB	140, 243, 129
RGB Percent	55%, 95%, 51%
CMY	0.4510, 0.0470, 0.4941
CMYK	0.42, 0.00, 0.47, 0.05
HSL	114°, 83%, 73%
HSV	114°, 47%, 95%
XYZ	46.8283, 71.2616, 32.0557
YIQ	199.2070, -24.7940, -57.2900

Conversions

Conversions Part 2

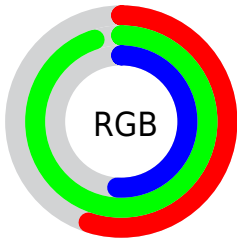
Format	Color
RYB	129, 243, 232
Decimal	9237377
CIELab	87.61, -51.70, 45.59
CIElCh	88, 68.931, 138.591
Yxy	71.2646, 0.3119, 0.4746
Android (android.graphics.Color)	4287427457 (0xFF8CF381)
YUV	199.2070, -34.6121, -51.9245
Hunter-Lab	84.4166, -48.7101, 36.5773

Details

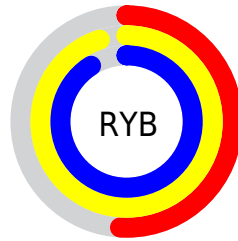
The HunterLab color **84.4166, -48.7101, 36.5773** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **62.7135, 53.3723, -40.5907**, and the grayscale version is **75.8127, -4.0452, 4.1190**.

A 20% lighter version of the original color is **93.2665, -33.6466, 28.0538**, and **61.1943, -41.8145, 30.1729** is the 20% darker color. If you saturate the color by 10%, you get **83.0497, -54.9286, 40.7292**, and if you desaturate by 10%, it is **86.0761, -41.3084, 31.4671**.

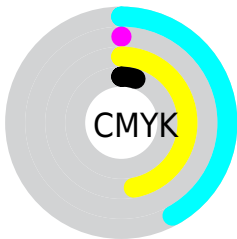
Distribution



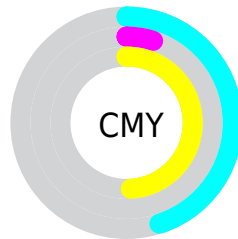
- Red (55%)
- Green (95%)
- Blue (51%)



- Red (51%)
- Yellow (95%)
- Blue (91%)



- Cyan (42%)
- Magenta (0%)
- Yellow (47%)
- Black (5%)





- Cyan (45%)
- Magenta (5%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 84.4166, -48.7101, 36.5773 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 84.4166, -48.7101, 36.5773 by changing the saturation by 10% instead.


 84.4166, -48.7101,
36.5773


 84.4166, -48.7101,
36.5773


215.6335,
-75.3830, 61.3401

 72.4970, -45.3506,
33.4590


 110.0048,
-55.1015, 42.5089

 61.1966, -41.8464,
30.2095


 123.6198,
-58.1658, 45.3530

 50.5532, -38.1640,
26.8009


 137.7544,
-61.1603, 48.1324

 40.6103, -34.2550,
23.1972

152.3901,
-64.0952, 50.8567

 31.4212, -30.0492,
19.3549

167.5103,
-66.9786, 53.5335

 23.0538, -25.4399,
15.7751


183.0998,

 15.5985, -20.5312,


-69.8174, 56.1695


10.9189


199.1451,
-72.6172, 58.7701


 9.1807, -16.0662,
6.4265


0.0000, NaN, NaN


 84.4166, -48.7101,
36.5773


 84.4166, -48.7101,
36.5773


 83.0497, -54.9286,
40.7292


 86.0761, -41.3084,
31.4671


 81.9639, -59.9229,
43.9102


 88.0240, -32.7870,
25.4358


 81.1490, -63.6975,
46.1454


 90.2591, -23.2388,
18.5443


 80.5866, -66.3026,
47.5014

 92.7749, -12.7693,
10.8672

 80.2495, -67.8463,
48.1025

 95.5624, -1.4906,
2.4873

 80.1820, -68.1553,
48.2146

 96.2206, 1.0636,
1.0131

Harmonies

Analogous

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



84.4184, -24.6284, 45.1864



84.4166, -48.7101, 36.5773



84.4184, -60.1761, 16.1454

Triad

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



84.4184, -48.7116, 36.5779



84.4184, -17.2301, -83.5818



84.4184, 67.9904, 22.3350

Complementary

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



84.4166, -48.7101, 36.5773



62.7135, 53.3723, -40.5907

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.



84.4184, 70.8283, -8.8600



84.4166, -48.7101, 36.5773



84.4184, 17.6915, -79.7313

Square

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



84.4184, -48.7116, 36.5779



84.4184, -44.0467, -57.7331



84.4184, 51.2091, -48.6859



84.4184, 43.9846, 39.5378

Rectangle

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



84.4166, -48.7101, 36.5773



84.4184, -60.5832, -5.3827



84.4184, 51.2091, -48.6859



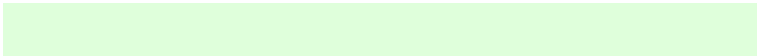
84.4184, 71.5796, 13.4865

Sweetspot

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



84.4184, -48.7116, 36.5779



96.0716, -21.4590, 17.3357



88.3920, -13.9897, 40.2901



44.1906, -11.0052, 8.8065

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.4184, -48.7116, 36.5779



87.8226, -57.5594, 42.7198



84.7650, -45.5645, 23.2081



43.0679, -7.2709, 6.0397



59.4216, -50.3996, 35.7330



17.6878, -14.6368, 10.6429

Inverse Universe

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



62.7135, 53.3723, -40.5907



61.3130, 68.0161, -52.5146



62.2950, 48.4056, -11.2733



40.8440, 3.0226, -1.6960



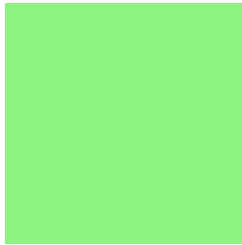
34.4929, 69.3662, -57.5258



10.3384, 20.7240, -16.7240

Previews

White Background



This preview shows how the HunterLab color 84.4166, -48.7101, 36.5773 looks on a white background.

Color Contrast Check

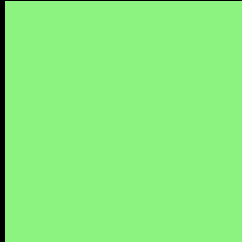
Large Text (above 18pt) WCAG AA × Fail

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 84.4166, -48.7101, 36.5773 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 84.4166, -48.7101, 36.5773 Background



This preview shows how black text looks on a background with the HunterLab color 84.4166, -48.7101, 36.5773.



This preview shows how white text looks on a background with the HunterLab color 84.4166,

-48.7101, 36.5773.

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

84.4166, -48.7101, 36.5773

Protanopia

83.6804, -9.0751, 38.8146

Deuteranopia

83.8553, 3.7623, 28.8656



Tritanopia

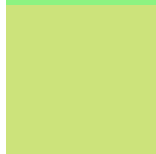
84.3549, -19.9288, -10.7890

Trichromacy



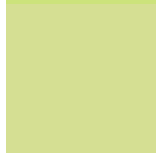
Original Color

84.4166, -48.7101, 36.5773



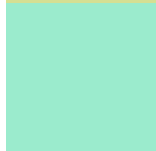
Protanomaly

83.1899, -25.5392, 37.4588



Deuteranomaly

83.0831, -18.4334, 31.1741



Tritanomaly

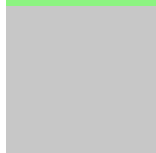
84.1386, -32.1610, 10.5827

Monochromacy



Original Color

84.4166, -48.7101, 36.5773



Achromatopsia

75.5728, -4.0324, 4.1060



Achromatomaly

78.1805, -21.9707, 17.4212

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.4166, -48.7101, 36.5773 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(140, 243, 129)` looks like.

```
.text, #text, p{  
    color:rgb(140, 243, 129)  
}
```

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(140, 243, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 243, 129) }
```

Border

The CSS property to change the border of an element to HunterLab 84.4166, -48.7101, 36.5773 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(140, 243, 129) }
```


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

```
.border{ border-color:rgb(140, 243, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 243, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 243, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 243, 129);  
box-shadow:4px 4px 4px 4px rgb(140, 243,  
129) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.4166, -48.7101, 36.5773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 243, 129) }
```

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

```
.background{ background-color: rgb(140,  
243, 129) }
```

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