

Converting Colors

HunterLab(84.3282, -48.2489,
44.3171)

Have a look what the booklet for
HunterLab(84.3282, -48.2489,
44.3171) contains.

HunterLab(84.3282, -48.2489, 44.3171)	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(84.3282,
-48.2489, 44.3171)**

Conversions

Conversions Part 1

Format	Color
Hex	9AF25A
RGB	154, 242, 90
RGB Percent	60%, 95%, 35%
CMY	0.3961, 0.0510, 0.6470
CMYK	0.36, 0.00, 0.63, 0.05
HSL	95°, 85%, 65%
HSV	95°, 63%, 95%
XYZ	46.9240, 71.1125, 20.9258
YIQ	198.3600, -3.6560, -65.9280

Conversions

Conversions Part 2

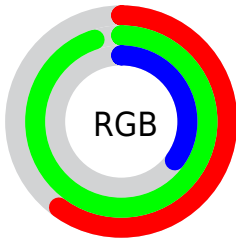
Format	Color
RYB	90, 242, 178
Decimal	10154586
CIELab	87.54, -51.12, 63.10
CIElCh	88, 81.207, 129.012
Yxy	71.1155, 0.3377, 0.5117
Android (android.graphics.Color)	4288344666 (0xFF9AF25A)
YUV	198.3600, -53.4215, -38.9037
Hunter-Lab	84.3282, -48.2489, 44.3171

Details

The HunterLab color **84.3282, -48.2489, 44.3171** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **48.1564, 56.7529, -72.7635**, and the grayscale version is **75.5232, -4.0297, 4.1033**.

A 20% lighter version of the original color is **93.6704, -33.6002, 39.9181**, and **61.0520, -41.3650, 35.7669** is the 20% darker color. If you saturate the color by 10%, you get **83.3503, -52.6097, 46.7941**, and if you desaturate by 10%, it is **85.4710, -43.1616, 40.8255**.

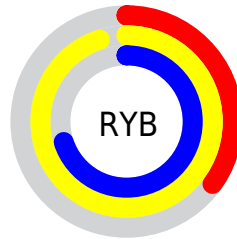
Distribution



Red (60%)

Green (95%)

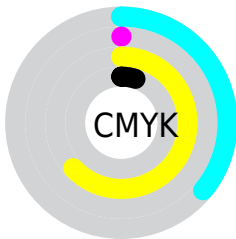
Blue (35%)



Red (35%)

Yellow (95%)

Blue (70%)

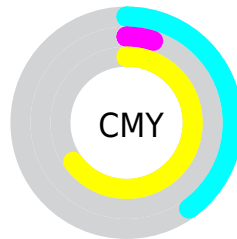


Cyan (36%)

Magenta (0%)

Yellow (63%)

Black (5%)



Cyan (40%)


Magenta (5%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 84.3282, -48.2489, 44.3171 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 84.3282, -48.2489, 44.3171 by changing the saturation by 10% instead.


 84.3282, -48.2489,
44.3171


 84.3282, -48.2489,
44.3171


215.5127,
-74.6910, 76.6722


 72.4130, -44.9219,
40.1432


 109.9082,
-54.5813, 52.2042


 61.1172, -41.4519,
35.7814


 123.5195,
-57.6180, 55.9573

 50.4787, -37.8064,
31.2039


 137.6504,
-60.5863, 59.6055

 40.5411, -33.9372,
26.3833

 152.2825,
-63.4959, 63.1620

 31.3577, -29.7749,
21.7353

167.3992,
-66.3549, 66.6381

 22.9965, -25.2138,
16.0976

182.9855,

 15.5482, -20.3459,

-69.1702, 70.0432

10.8837

199.0275,
-71.9473, 73.3856

■ 9.1370, -15.9897,
6.3959

0.0000, NaN, NaN

■ 84.3282, -48.2489,
44.3171

■ 84.3282, -48.2489,
44.3171

■ 83.3503, -52.6097,
46.7941

■ 85.4710, -43.1616,
40.8255

■ 82.5260, -56.2472,
48.3203


■ 86.7767, -37.3511,
36.2835


■ 81.8483, -59.1935,
49.0020


■ 88.2485, -30.8414,
30.6825


■ 81.4405, -60.9415,
49.1164

■ 89.8862, -23.6652,
24.0338

 91.6882, -15.8628,
16.3654

 93.6518, -7.4802,
7.7180

 95.6231, 0.6215,
0.2730

 95.9100, 1.6007,
0.6423

Harmonies

Analogous

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



84.3300, -16.3925, 49.9377



84.3282, -48.2489, 44.3171



84.3300, -65.7362, 27.1002

Triad

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



84.3300, -48.2507, 44.3176



84.3300, -30.6938, -98.4060



84.3300, 87.3240, 15.4184

Complementary

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



84.3282, -48.2489, 44.3171



48.1564, 56.7529, -72.7635

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.



84.3300, 81.5034, -26.5908



84.3282, -48.2489, 44.3171



84.3300, 8.0816, -106.6905

Square

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



84.3300, -48.2507, 44.3176



84.3300, -57.0133, -56.8465



84.3300, 50.5044, -75.9455



84.3300, 65.1645, 39.2439

Rectangle

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



84.3282, -48.2489, 44.3171



84.3300, -69.2473, 5.8613



84.3300, 50.5044, -75.9455



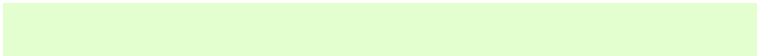
84.3300, 88.6521, 3.2993

Sweetspot

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



84.3300, -48.2507, 44.3176



96.0862, -22.0796, 22.5736



71.2189, 10.7548, 36.0195



44.2062, -11.2910, 11.4858

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.3300, -48.2507, 44.3176



88.2275, -56.8261, 50.1360



81.6112, -59.0992, 40.4693



42.4046, -6.0293, 6.2399



59.7539, -44.3992, 36.0428



17.4000, -12.1207, 10.5096

Inverse Universe

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



48.1564, 56.7529, -72.7635



44.6235, 71.6420, -96.9517



56.5775, 73.9554, -43.7464



39.5988, 1.8062, -2.1017



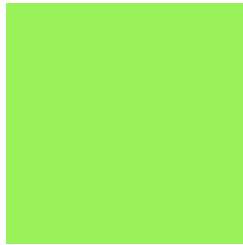
25.5471, 57.2306, -87.9892



7.7546, 16.9745, -23.6285

Previews

White Background



This preview shows how the HunterLab color 84.3282, -48.2489, 44.3171 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 84.3282, -48.2489, 44.3171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

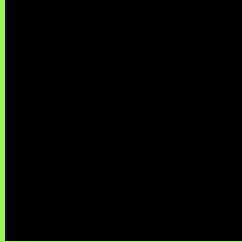
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

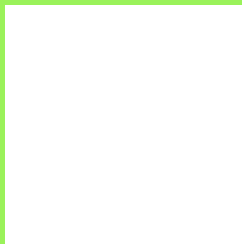
Any Text WCAG AAA ✓ Pass

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

HunterLab 84.3282, -48.2489, 44.3171 Background



This preview shows how black text looks on a background with the HunterLab color 84.3282, -48.2489, 44.3171.



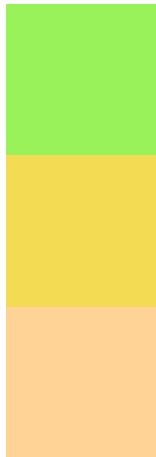
This preview shows how white text looks on a background with the HunterLab color 84.3282, -48.2489, 44.3171.

-48.2489, 44.3171.

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

84.3282, -48.2489, 44.3171

Protanopia

83.8703, -10.8713, 45.7050

Deuteranopia

83.6962, 2.9054, 31.1839



Tritanopia

84.1890, -15.7027, -9.2354

Trichromacy



Original Color

84.3282, -48.2489, 44.3171



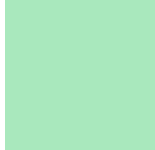
Protanomaly

83.3420, -25.8817, 44.6386



Deuteranomaly

82.8894, -18.1501, 36.1506



Tritanomaly

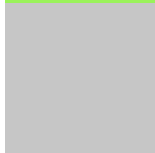
83.5598, -30.0118, 16.8030

Monochromacy



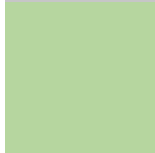
Original Color

84.3282, -48.2489, 44.3171



Achromatopsia

75.1473, -4.0097, 4.0829



Achromatomaly

77.8084, -22.3866, 22.5589

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.3282, -48.2489, 44.3171 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(154, 242, 90)` looks like.

```
.text, #text, p{  
    color:rgb(154, 242, 90)  
}
```

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(154, 242, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 242, 90) }
```

Border

The CSS property to change the border of an element to HunterLab 84.3282, -48.2489, 44.3171 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(154, 242, 90) }
```


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

```
.border{ border-color:rgb(154, 242, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 242, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 242, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 242, 90);  
box-shadow:4px 4px 4px 4px rgb(154, 242,  
90) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.3282, -48.2489, 44.3171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 242, 90) }
```

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

```
.background{ background-color: rgb(154,  
242, 90) }
```

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