

Converting Colors

HunterLab(84.1781, -52.9145,
47.0260)

Have a look what the booklet for
HunterLab(84.1781, -52.9145,
47.0260) contains.

HunterLab(84.1913, -52.8172, 46.9887)	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(84.1913,
-52.8172, 46.9887)**

Conversions

Conversions Part 1

Format	Color
Hex	8EF445
RGB	142, 244, 69
RGB Percent	56%, 96%, 27%
CMY	0.4431, 0.0431, 0.7294
CMYK	0.42, 0.00, 0.72, 0.04
HSL	95°, 89%, 61%
HSV	95°, 72%, 96%
XYZ	44.5802, 70.8817, 16.9621
YIQ	193.5520, -4.6170, -76.0490

Conversions

Conversions Part 2

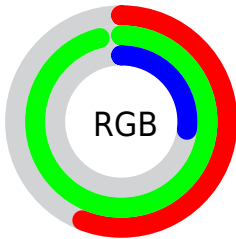
Format	Color
RYB	69, 244, 171
Decimal	9368645
CIELab	87.43, -57.33, 70.71
CIELCh	87, 91.028, 129.034
Yxy	70.8848, 0.3366, 0.5353
Android (android.graphics.Color)	4287558725 (0xFF8EF445)
YUV	193.5520, -61.4041, -45.2111
Hunter-Lab	84.1913, -52.8172, 46.9887

Details

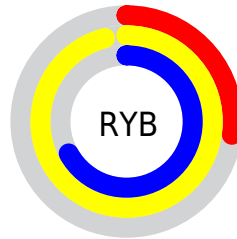
The HunterLab color **84.1913, -52.8172, 46.9887** is a light color, and the websafe version is hex **99FF66**. The color can be described as light washed chartreuse. A complement of this color would be **44.1000, 65.5252, -86.7520**, and the grayscale version is **73.5143, -3.9225, 3.9942**.

A 20% lighter version of the original color is **92.5251, -38.5501, 43.4722**, and **61.0655, -45.0014, 36.8405** is the 20% darker color. If you saturate the color by 10%, you get **83.3443, -56.5710, 48.6281**, and if you desaturate by 10%, it is **85.2009, -48.3310, 44.3819**.

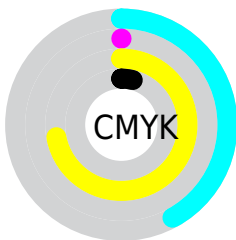
Distribution



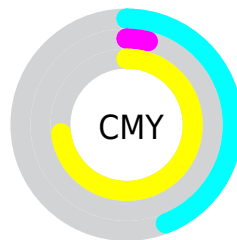
- Red (56%)
- Green (96%)
- Blue (27%)



- Red (27%)
- Yellow (96%)
- Blue (67%)



- Cyan (42%)
- Magenta (0%)
- Yellow (72%)
- Black (4%)



- Cyan (44%)
- Magenta (4%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.1913, -52.8172, 46.9887 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 84.1913, -52.8172, 46.9887 by changing the saturation by 10% instead.

■ 84.1913, -52.8172,
46.9887

■ 84.1913, -52.8172,
46.9887

215.3255,
-81.7952, 82.7163

■ 72.2829, -49.1317,
42.3571

■ 109.7587,
-59.8055, 55.7352

■ 60.9942, -45.2779,
37.5207

■ 123.3640,
-63.1453, 59.8911

■ 50.3633, -41.2178,
32.4565

■ 137.4892,
-66.4028, 63.9255

■ 40.4338, -36.8963,
27.1692

■ 152.1158,
-69.5896, 67.8530

■ 31.2593, -32.2340,
21.8815

■ 167.2271,
-72.7149, 71.6859

■ 22.9078, -27.1117,
16.0354

182.8082,

■ 15.4703, -22.0601,

-75.7868, 75.4348

10.8292

198.8452,
-78.8116, 79.1090

■ 9.0688, -15.8705,
6.3482

0.0000, NaN, NaN

■ 84.1913, -52.8172,
46.9887

■ 84.1913, -52.8172,
46.9887

■ 83.3443, -56.5710,
48.6281

■ 85.2009, -48.3310,
44.3819

■ 82.6457, -59.6154,
49.4005

■ 86.3733, -43.1011,
40.7442

■ 82.1682, -61.6646,
49.5521

■ 87.7135, -37.1397,
36.0448

■ 89.2228, -30.4710,
30.2771

■ 90.9007, -23.1294,
23.4549

■ 92.7455, -15.1571,
15.6086

■ 94.7542, -6.6013,
6.7808

■ 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.



84.1931, -17.7998, 52.3080



84.1913, -52.8172, 46.9887



84.1931, -71.6133, 29.2567

Triad

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



84.1931, -52.8189, 46.9891



84.1931, -33.5732, -116.0748



84.1931, 100.5118, 16.6326

Complementary

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



84.1913, -52.8172, 46.9887



44.1000, 65.5252, -86.7520

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.



84.1931, 93.7761, -30.9706



84.1913, -52.8172, 46.9887



84.1931, 9.6871, -126.0226

Square

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



84.1931, -52.8189, 46.9891



84.1931, -62.2529, -66.4936



84.1931, 57.9970, -89.0956



84.1931, 74.8186, 41.9562

Rectangle

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



84.1913, -52.8172, 46.9887



84.1931, -75.3369, 5.9742



84.1931, 57.9970, -89.0956



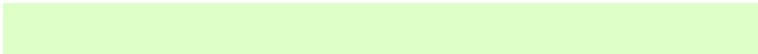
84.1931, 102.0643, 3.1673

Sweetspot

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



84.1931, -52.8189, 46.9891



95.5070, -24.5845, 24.9152



69.0887, 14.5254, 37.9939



43.9567, -12.3730, 12.4744

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.1931, -52.8189, 46.9891



87.2759, -60.9999, 51.5935



81.5836, -63.3934, 43.5509



43.3701, -6.1888, 6.3868



60.6513, -45.2085, 36.5816



18.1438, -12.7265, 10.9573

Inverse Universe

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



44.1000, 65.5252, -86.7520



40.3807, 79.1172, -112.6427



54.1631, 83.3485, -49.0123



40.5017, 1.8707, -2.1546



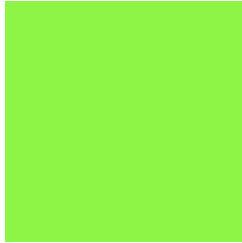
26.0220, 58.2114, -88.9811



8.0957, 17.7197, -24.6566

Previews

White Background



This preview shows how the HunterLab color 84.1913, -52.8172, 46.9887 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 84.1913, -52.8172, 46.9887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

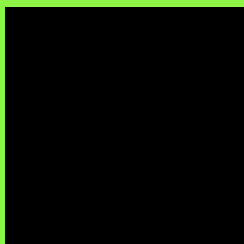
Any Text WCAG AA ✓ Pass

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 84.1913, -52.8172, 46.9887 Background



This preview shows how black text looks on a background with the HunterLab color 84.1913, -52.8172, 46.9887.



This preview shows how white text looks on a background with the HunterLab color 84.1913, -52.8172, 46.9887.

-52.8172, 46.9887.

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

84.1913, -52.8172, 46.9887

Protanopia

83.5007, -10.9182, 48.0256

Deuteranopia

83.6205, 2.4971, 32.2886



Tritanopia

84.0093, -17.9578, -10.0822

Trichromacy



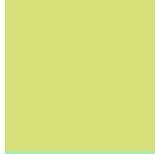
Original Color

84.1913, -52.8172, 46.9887



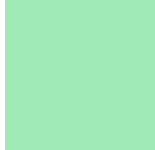
Protanomaly

82.8162, -28.2032, 46.9569



Deuteranomaly

82.6919, -20.8295, 38.3007



Tritanomaly

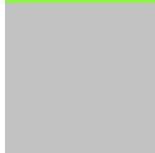
83.4230, -34.3742, 19.3497

Monochromacy



Original Color

84.1913, -52.8172, 46.9887



Achromatopsia

73.4493, -3.9191, 3.9906



Achromatomaly

76.4008, -24.7160, 24.5794

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.1913, -52.8172, 46.9887 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, 69)` looks like.

```
.text, #text, p{  
    color:rgb(142, 244, 69)  
}
```

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, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 244, 69) }
```

Border

The CSS property to change the border of an element to HunterLab 84.1913, -52.8172, 46.9887 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, 69) }
```


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

```
.border{ border-color:rgb(142, 244, 69) }
```

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, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 244, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 244, 69);  
box-shadow:4px 4px 4px 4px rgb(142, 244,  
69) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.1913, -52.8172, 46.9887 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, 69) }
```

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

```
.background{ background-color: rgb(142,  
244, 69) }
```

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