

Converting Colors

HunterLab(82.5065, -47.1189,
47.8221)

Have a look what the booklet for
HunterLab(82.5065, -47.1189,
47.8221) contains.

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Color

**HunterLab(82.5032,
-47.1063, 47.8448)**

Conversions

Conversions Part 1

Format	Color
Hex	9EED32
RGB	158, 237, 50
RGB Percent	62%, 93%, 20%
CMY	0.3804, 0.0706, 0.8039
CMYK	0.33, 0.00, 0.79, 0.07
HSL	85°, 84%, 56%
HSV	85°, 79%, 93%
XYZ	44.9605, 68.0678, 13.7864
YIQ	192.0610, 12.9430, -74.9050

Conversions

Conversions Part 2

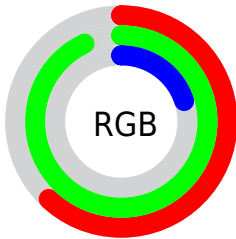
Format	Color
RYB	50, 237, 129
Decimal	10415410
CIELab	86.04, -50.25, 75.50
CIELCh	86, 90.693, 123.644
Yxy	68.0708, 0.3545, 0.5367
Android (android.graphics.Color)	4288605490 (0xFF9EED32)
YUV	192.0610, -70.0361, -29.8715
Hunter-Lab	82.5032, -47.1063, 47.8448

Details

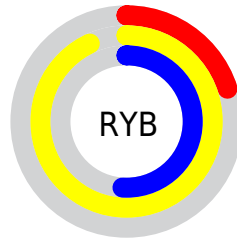
The HunterLab color $82.5032, -47.1063, 47.8448$ is a dark color, and the websafe version is hex $99FF33$. The color can be described as middle washed chartreuse. A complement of this color would be $36.1455, 62.5914, -108.0611$, and the grayscale version is $72.9131, -3.8905, 3.9615$.

A 20% lighter version of the original color is $93.5102, -35.1752, 47.2853$, and $59.7498, -39.8256, 36.1203$ is the 20% darker color. If you saturate the color by 10%, you get $81.8180, -50.0552, 48.8182$, and if you desaturate by 10%, it is $83.2995, -43.6383, 45.9900$.

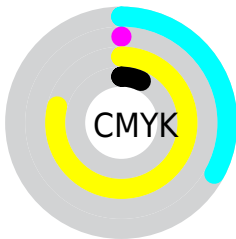
Distribution



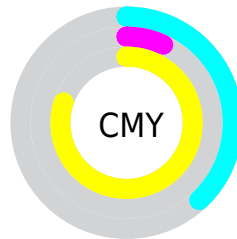
- Red (62%)
- Green (93%)
- Blue (20%)



- Red (20%)
- Yellow (93%)
- Blue (51%)



- Cyan (33%)
- Magenta (0%)
- Yellow (79%)
- Black (7%)



- Cyan (38%)
- Magenta (7%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 82.5032, -47.1063, 47.8448 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 82.5032, -47.1063, 47.8448 by changing the saturation by 10% instead.

82.5032, -47.1063,
47.8448

82.5032, -47.1063,
47.8448

213.0133,
-73.2757, 85.8457

70.6791, -43.8102,
42.9018

107.9136,
-53.3764, 57.1757

59.4793, -40.3700,
37.7439

121.4452,
-56.3820, 61.6046

48.9429, -36.7524,
32.3547

135.4994,
-59.3194, 65.9000

39.1147, -32.9078,
26.9690

150.0575,
-62.1985, 70.0774

30.0498, -28.7637,
21.0349

165.1025,
-65.0274, 74.1500

21.8190, -24.2092,
15.2733

180.6193,

14.5174, -19.7329,

-67.8130, 78.1291

10.1622

196.5938,
-70.5608, 82.0248

■ 8.1784, -14.3122,
5.7249

0.0000, NaN, NaN

■ 82.5032, -47.1063,
47.8448

■ 82.5032, -47.1063,
47.8448

■ 81.8180, -50.0552,
48.8182

■ 83.2995, -43.6383,
45.9900

■ 81.2268, -52.5383,
49.0772

■ 84.2082, -39.6205,
43.1616

■ 81.1657, -52.7942,
49.0897

■ 85.2355, -35.0442,
39.3006

■ 86.3845, -29.9103,
34.3725

■ 87.6568, -24.2286,
28.3629

■ 89.0530, -18.0163,
21.2744

■ 90.5726, -11.2962,
13.1240

■ 92.2146, -4.0953,
3.9399

■ 93.6856, 1.9833,
-2.1103

Harmonies

Analogous

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



82.5050, -9.8387, 51.6565



82.5032, -47.1063, 47.8448



82.5050, -68.5424, 33.3283

Triad

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



82.5050, -47.1082, 47.8452



82.5050, -39.4357, -108.6587



82.5050, 101.0092, 9.5569

Complementary

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



82.5032, -47.1063, 47.8448



36.1455, 62.5914, -108.0611

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.



82.5050, 88.4003, -41.0832



82.5032, -47.1063, 47.8448



82.5050, 1.1696, -127.2536

Square

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



82.5050, -47.1082, 47.8452



82.5050, -64.8254, -55.4192



82.5050, 49.2559, -97.7181



82.5050, 80.7599, 38.3338

Rectangle

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



82.5032, -47.1063, 47.8448



82.5050, -74.0324, 13.0989



82.5050, 49.2559, -97.7181



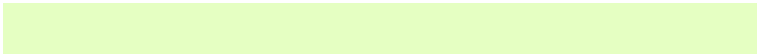
82.5050, 100.4903, -5.1576

Sweetspot

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



82.5050, -47.1082, 47.8452



95.9623, -23.1547, 27.2646



58.0124, 31.4386, 33.2122



44.1499, -11.8111, 13.8504

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



82.5050, -47.1082, 47.8452



88.4798, -56.1845, 53.2877



78.7057, -62.7092, 45.1263



41.5832, -5.3706, 6.2542



60.0371, -38.7404, 36.3164



16.9905, -10.1806, 10.2913

Inverse Universe

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



36.1455, 62.5914, -108.0611



33.3963, 76.6444, -146.0409



48.8213, 84.1196, -65.7496



38.5486, 1.2312, -2.2524



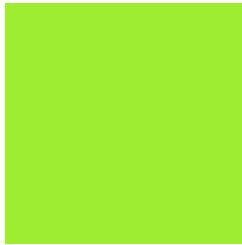
22.1247, 52.9771, -102.6620



6.6324, 15.3104, -26.3508

Previews

White Background



This preview shows how the HunterLab color 82.5032, -47.1063, 47.8448 looks on a white background.

Color Contrast Check

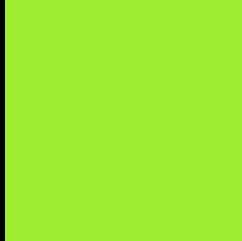
Large Text (above 18pt) WCAG AA × Fail

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 82.5032, -47.1063, 47.8448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

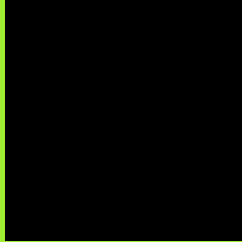
Any Text WCAG AA ✓ Pass

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 82.5032, -47.1063, 47.8448 Background



This preview shows how black text looks on a background with the HunterLab color 82.5032, -47.1063, 47.8448.



This preview shows how white text looks on a background with the HunterLab color 82.5032, -47.1063, 47.8448.

-47.1063, 47.8448.

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

82.5032, -47.1063, 47.8448

Protanopia

82.1483, -11.1461, 48.7045

Deuteranopia

81.8298, 3.4017, 35.6858



Tritanopia

82.2859, -13.0957, -7.8085

Trichromacy



Original Color

82.5032, -47.1063, 47.8448

Protanomaly

81.7444, -25.6937, 48.0460

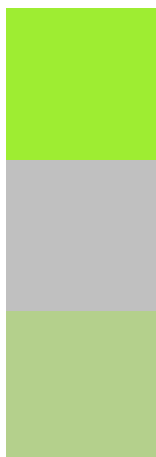
Deuteranomaly

81.0934, -17.2653, 40.8522

Tritanomaly

81.6852, -29.4087, 22.2155

Monochromacy



Original Color

82.5032, -47.1063, 47.8448

Achromatopsia

72.6027, -3.8739, 3.9446

Achromatomaly

75.3050, -22.4821, 26.4746

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 82.5032, -47.1063, 47.8448 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(158, 237, 50)` looks like.

```
.text, #text, p{  
    color:rgb(158, 237, 50)  
}
```

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(158, 237, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 237, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 82.5032, -47.1063, 47.8448 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(158, 237, 50) }
```


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

```
.border{ border-color:rgb(158, 237, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 237, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 237, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 237, 50);  
box-shadow:4px 4px 4px 4px rgb(158, 237,  
50) }
```

Background

The CSS property to change the background color of an element to HunterLab 82.5032, -47.1063, 47.8448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 237, 50) }
```

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

```
.background{ background-color: rgb(158,  
237, 50) }
```

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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