

Converting Colors

HunterLab(87.8242, -57.9091,
45.4847)

Have a look what the booklet for
HunterLab(87.8242, -57.9091,
45.4847) contains.

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Color

**HunterLab(87.8231,
-57.9118, 45.4673)**

Conversions

Conversions Part 1

Format	Color
Hex	82FF61
RGB	130, 255, 97
RGB Percent	51%, 100%, 38%
CMY	0.4902, 0.0000, 0.6196
CMYK	0.49, 0.00, 0.62, 0.00
HSL	107°, 100%, 69%
HSV	107°, 62%, 100%
XYZ	47.1237, 77.1290, 23.7131
YIQ	199.6130, -23.7820, -75.6380

Conversions

Conversions Part 2

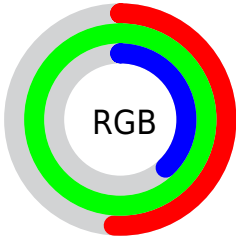
Format	Color
RYB	97, 255, 222
Decimal	8585057
CIELab	90.38, -62.80, 63.08
CIELCh	90, 89.016, 134.873
Yxy	77.1290, 0.3185, 0.5213
Android (android.graphics.Color)	4286775137 (0xFF82FF61)
YUV	199.6130, -50.5882, -61.0506
Hunter-Lab	87.8231, -57.9118, 45.4673

Details

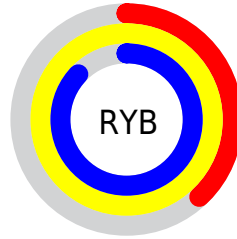
The HunterLab color **87.8231, -57.9118, 45.4673** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **55.9470, 69.4380, -64.5708**, and the grayscale version is **76.0502, -4.0578, 4.1319**.

A 20% lighter version of the original color is **92.1392, -39.2030, 36.6968**, and **64.1843, -49.7598, 36.9851** is the 20% darker color. If you saturate the color by 10%, you get **86.7671, -62.7182, 48.2357**, and if you desaturate by 10%, it is **89.1282, -52.0041, 41.6522**.

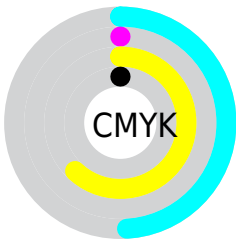
Distribution



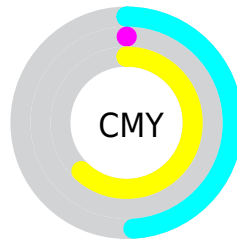
- Red (51%)
- Green (100%)
- Blue (38%)



- Red (38%)
- Yellow (100%)
- Blue (87%)



- Cyan (49%)
- Magenta (0%)
- Yellow (62%)
- Black (0%)



- Cyan (49%)
- Magenta (0%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.8231, -57.9118, 45.4673 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 87.8231, -57.9118, 45.4673 by changing the saturation by 10% instead.

87.8231, -57.9118,
45.4673

87.8231, -57.9118,
45.4673

220.2734,
-88.9289, 77.5835

75.7356, -53.9541,
41.3413

113.7197,
-65.4068, 53.2738

64.2599, -49.8185,
37.0365

127.4805,
-68.9871, 56.9948

53.4307, -45.4642,
32.5242

141.7555,
-72.4769, 60.6149

43.2891, -40.8357,
27.7760

156.5269,
-75.8884, 64.1468

33.8853, -35.8545,
22.9199

171.7784,
-79.2316, 67.6012

25.2827, -30.4061,
17.6979

187.4954,

17.5640, -24.5236,

-82.5148, 70.9871

12.2948

203.6645,
-85.7453, 74.3123

■ 10.8455, -18.9796,
7.5918

■ 2.0537, -3.5939,
1.4376

■ 87.8231, -57.9118,
45.4673

■ 87.8231, -57.9118,
45.4673

■ 86.7671, -62.7182,
48.2357

■ 89.1282, -52.0041,
41.6522

■ 85.9497, -66.4350,
50.0153

■ 90.6881, -45.0181,
36.7751

■ 85.3552, -69.1110,
50.9093

■ 92.5049, -37.0014,
30.8491

■ 85.0199, -70.5958,
51.1529

■ 94.5771, -28.0217,
23.9124

■ 96.9006, -18.1605,
16.0223

■ 99.4689, -7.5073,
7.2486

■ 100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



87.8231, -25.8722, 52.9908



87.8231, -57.9118, 45.4673



87.8231, -73.7419, 23.7095

Triad

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



87.8231, -57.9114, 45.4665



87.8231, -26.2085, -118.0713



87.8231, 95.8985, 23.4382

Complementary

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



87.8231, -57.9118, 45.4673



55.9470, 69.4380, -64.5708

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.



87.8231, 95.7576, -19.6054



87.8231, -57.9118, 45.4673



87.8231, 18.7103, -118.2764

Square

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



87.8231, -57.9114, 45.4665



87.8231, -58.1146, -75.6779



87.8231, 65.3009, -76.1464



87.8231, 65.6540, 45.3545

Rectangle

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



87.8231, -57.9118, 45.4673



87.8231, -75.5072, -2.5241



87.8231, 65.3009, -76.1464



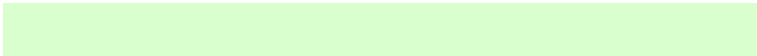
87.8231, 99.5744, 11.5069

Sweetspot

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



87.8231, -57.9114, 45.4665



95.2386, -25.1920, 21.6743



85.8566, -6.3932, 44.9818



43.7657, -12.9212, 11.0292

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.8231, -57.9114, 45.4665



86.5813, -63.5645, 48.6768



87.1824, -59.2974, 35.3410



45.1119, -7.2246, 6.4530



61.4985, -50.8548, 37.0048



19.3045, -15.3825, 11.6260

Inverse Universe

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



55.9470, 69.4380, -64.5708



50.6838, 81.1064, -78.0212



58.7156, 71.0712, -24.2997



42.5413, 2.7552, -1.9604



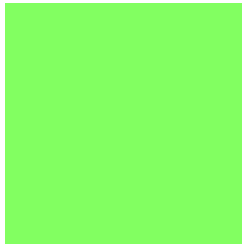
32.2205, 66.8869, -69.9412



10.2790, 21.1766, -21.0586

Previews

White Background



This preview shows how the HunterLab color 87.8231, -57.9118, 45.4673 looks on a white background.

Color Contrast Check

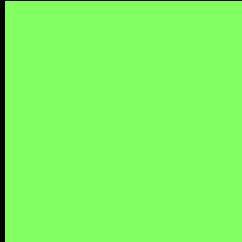
Large Text (above 18pt) WCAG AA × Fail

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 87.8231, -57.9118, 45.4673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

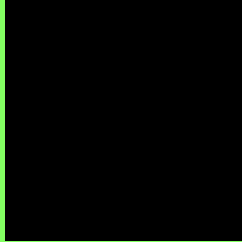
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

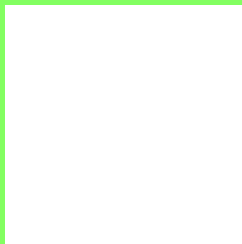
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.8231, -57.9118, 45.4673 Background



This preview shows how black text looks on a background with the HunterLab color 87.8231, -57.9118, 45.4673.



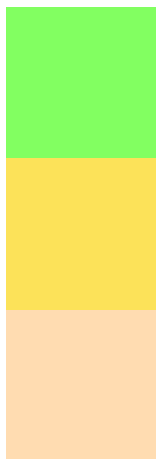
This preview shows how white text looks on a background with the HunterLab color 87.8231, -57.9118, 45.4673.

-57.9118, 45.4673.

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

87.8231, -57.9118, 45.4673

Protanopia

87.0686, -10.6166, 47.0295

Deuteranopia

86.9602, 1.2953, 25.2474



Tritanopia

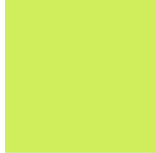
87.6379, -21.0022, -10.3709

Trichromacy



Original Color

87.8231, -57.9118, 45.4673



Protanomaly

86.4586, -31.0860, 45.7877



Deuteranomaly

86.0916, -24.0548, 33.3332



Tritanomaly

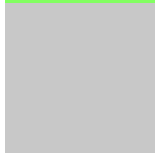
87.0328, -37.3285, 16.5799

Monochromacy



Original Color

87.8231, -57.9118, 45.4673



Achromatopsia

75.9987, -4.0551, 4.1292



Achromatomaly

79.3377, -26.6098, 22.5271

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.8231, -57.9118, 45.4673 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(130, 255, 97)` looks like.

```
.text, #text, p{  
    color:rgb(130, 255, 97)  
}
```

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(130, 255, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 255, 97) }
```

Border

The CSS property to change the border of an element to HunterLab 87.8231, -57.9118, 45.4673 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(130, 255, 97) }
```


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

```
.border{ border-color:rgb(130, 255, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 255, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 255, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 255, 97);  
box-shadow:4px 4px 4px 4px rgb(130, 255,  
97) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.8231, -57.9118, 45.4673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 255, 97) }
```

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

```
.background{ background-color: rgb(130,  
255, 97) }
```

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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