

Converting Colors

HunterLab(87.7973, -57.1991,
39.1063)

Have a look what the booklet for
HunterLab(87.7973, -57.1991,
39.1063) contains.

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Color

**HunterLab(87.8055,
-57.1614, 39.0806)**

Conversions

Conversions Part 1

Format	Color
Hex	78FF81
RGB	120, 255, 129
RGB Percent	47%, 100%, 51%
CMY	0.5294, 0.0000, 0.4941
CMYK	0.53, 0.00, 0.49, 0.00
HSL	124°, 100%, 74%
HSV	124°, 53%, 100%
XYZ	47.4682, 77.0981, 33.1485
YIQ	200.2710, -40.0140, -67.8060

Conversions

Conversions Part 2

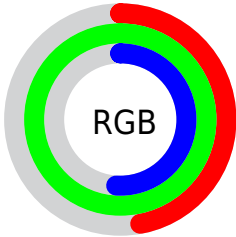
Format	Color
RYB	120, 247, 255
Decimal	7929729
CIELab	90.37, -61.78, 48.85
CIELCh	90, 78.757, 141.669
Yxy	77.0982, 0.3010, 0.4888
Android (android.graphics.Color)	4286119809 (0xFF78FF81)
YUV	200.2710, -35.1366, -70.3977
Hunter-Lab	87.8055, -57.1614, 39.0806

Details

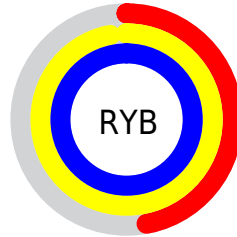
The HunterLab color **87.8055, -57.1614, 39.0806** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **64.3016, 66.7752, -39.6004**, and the grayscale version is **76.2718, -4.0697, 4.1440**.

A 20% lighter version of the original color is **92.0893, -38.1345, 26.8813**, and **64.1959, -49.1161, 32.3824** is the 20% darker color. If you saturate the color by 10%, you get **86.5739, -62.8708, 43.0554**, and if you desaturate by 10%, it is **89.3749, -50.0368, 34.2605**.

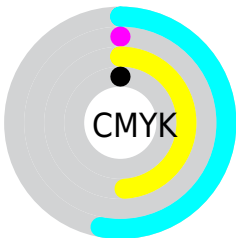
Distribution



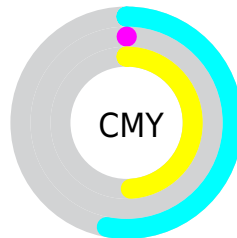
- Red (47%)
- Green (100%)
- Blue (51%)



- Red (47%)
- Yellow (97%)
- Blue (100%)



- Cyan (53%)
- Magenta (0%)
- Yellow (49%)
- Black (0%)





- Cyan (53%)
- Magenta (0%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.8055, -57.1614, 39.0806 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 87.8055, -57.1614, 39.0806 by changing the saturation by 10% instead.


 87.8055, -57.1614,
39.0806


 87.8055, -57.1614,
39.0806


220.2496,
-87.7610, 65.0777


 75.7189, -53.2622,
35.8008


 113.7005,
-64.5488, 45.3161

 64.2441, -49.1892,
32.3863


 127.4606,
-68.0792, 48.3055

 53.4158, -44.9022,
28.8086


 141.7349,
-71.5214, 51.2257

 43.2752, -40.3466,
25.0333

156.5056,
-74.8872, 54.0864

 33.8726, -35.4456,
21.0199

171.7564,
-78.1865, 56.8956

 25.2711, -30.0859,
17.1138

187.4728,

 17.5538, -24.2631,

-81.4274, 59.6602

12.2877

203.6413,
-84.6170, 62.3859

■ 10.8368, -18.9643,
7.5857

■ 2.0151, -3.5265,
1.4106

■ 87.8055, -57.1614,
39.0806

■ 87.8055, -57.1614,
39.0806

■ 86.5739, -62.8708,
43.0554

■ 89.3749, -50.0368,
34.2605

■ 85.6653, -67.1610,
46.1678


■ 91.2889, -41.5535,
28.6440


■ 85.0564, -70.0857,
48.4307

■ 93.5479, -31.8047,
22.2978

■ 84.7130, -71.7693,
49.8944

■ 96.1471, -20.9109,
15.3033

 84.5934, -72.3680,
50.4873

 99.0771, -9.0077,
7.7485

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.



87.8056, -31.2767, 49.1649



87.8055, -57.1614, 39.0806



87.8056, -68.4705, 14.7160

Triad

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



87.8056, -57.1609, 39.0799



87.8056, -15.5385, -102.5318



87.8056, 78.6506, 27.6951

Complementary

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



87.8055, -57.1614, 39.0806



64.3016, 66.7752, -39.6004

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.



87.8056, 84.9122, -6.4738



87.8055, -57.1614, 39.0806



87.8056, 25.4931, -93.7785

Square

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



87.8056, -57.1609, 39.0799



87.8056, -47.4103, -73.9734



87.8056, 64.0111, -53.6480



87.8056, 48.1759, 44.9350

Rectangle

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



87.8055, -57.1614, 39.0806



87.8056, -67.9343, -11.3114



87.8056, 64.0111, -53.6480



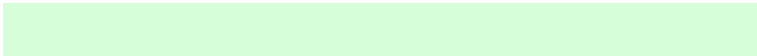
87.8056, 83.8508, 18.3044

Sweetspot

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



87.8056, -57.1609, 39.0799



95.3163, -24.3573, 17.5068



96.1608, -25.0587, 47.8588



43.8472, -12.3162, 8.7711

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.8056, -57.1609, 39.0799



86.4627, -63.3920, 43.4260



89.1748, -48.9121, 19.1712



44.9308, -7.8315, 5.9061



61.1549, -52.2744, 36.4071



19.0997, -16.2038, 11.1065

Inverse Universe

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



64.3016, 66.7752, -39.6004



59.5134, 80.0004, -47.2872



61.5855, 54.6606, -1.8981



42.7530, 3.4130, -1.2755



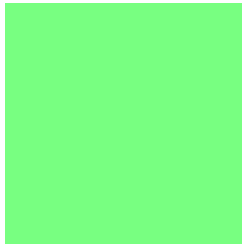
37.8724, 73.3974, -41.7274



11.8431, 22.9918, -13.3555

Previews

White Background



This preview shows how the HunterLab color 87.8055, -57.1614, 39.0806 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 87.8055, -57.1614, 39.0806 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 87.8055, -57.1614, 39.0806 Background



This preview shows how black text looks on a background with the HunterLab color 87.8055, -57.1614, 39.0806.



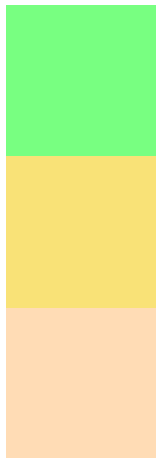
This preview shows how white text looks on a background with the HunterLab color 87.8055,

-57.1614, 39.0806.

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

87.8055, -57.1614, 39.0806

Protanopia

87.1001, -9.8037, 41.6188

Deuteranopia

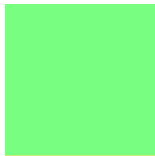
87.0532, 1.7983, 23.8992



Tritanopia

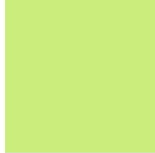
87.3279, -22.1406, -10.8091

Trichromacy



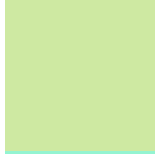
Original Color

87.8055, -57.1614, 39.0806



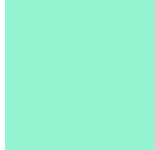
Protanomaly

86.3452, -30.7543, 39.7998



Deuteranomaly

86.0281, -23.7432, 29.0361



Tritanomaly

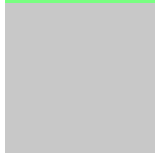
86.9487, -37.0479, 11.7957

Monochromacy



Original Color

87.8055, -57.1614, 39.0806



Achromatopsia

75.9987, -4.0551, 4.1292



Achromatomaly

79.3097, -26.1960, 18.4755

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.8055, -57.1614, 39.0806 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(120, 255, 129)` looks like.

```
.text, #text, p{  
    color:rgb(120, 255, 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(120, 255, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 255, 129) }
```

Border

The CSS property to change the border of an element to HunterLab 87.8055, -57.1614, 39.0806 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(120, 255, 129) }
```


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

```
.border{ border-color:rgb(120, 255, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 255, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 255, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 255, 129); box-shadow:4px 4px 4px 4px rgb(120, 255, 129) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.8055, -57.1614, 39.0806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 255, 129) }
```

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

```
.background{ background-color: rgb(120,  
255, 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](#).

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