

Converting Colors

HunterLab(87.8757, -57.4171,
36.1149)

Have a look what the booklet for
HunterLab(87.8757, -57.4171,
36.1149) contains.

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Color

**HunterLab(87.6857,
-57.2645, 35.9901)**

Conversions

Conversions Part 1

Format	Color
Hex	70FF8D
RGB	112, 255, 141
RGB Percent	44%, 100%, 55%
CMY	0.5608, 0.0000, 0.4470
CMYK	0.56, 0.00, 0.45, 0.00
HSL	132°, 100%, 72%
HSV	132°, 56%, 100%
XYZ	47.2498, 76.8878, 37.5498
YIQ	199.2470, -48.6340, -65.7700

Conversions

Conversions Part 2

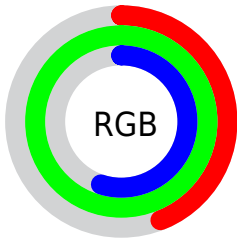
Format	Color
RYB	112, 231, 255
Decimal	7405453
CIELab	90.27, -61.97, 42.97
CIElCh	90, 75.412, 145.264
Yxy	76.8880, 0.2922, 0.4755
Android (android.graphics.Color)	4285595533 (0xFF70FF8D)
YUV	199.2470, -28.7158, -76.5156
Hunter-Lab	87.6857, -57.2645, 35.9901

Details

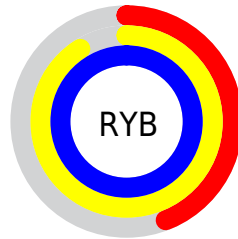
The HunterLab color **87.6857, -57.2645, 35.9901** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **61.9190, 66.8053, -29.5717**, and the grayscale version is **75.8116, -4.0451, 4.1190**.

A 20% lighter version of the original color is **91.8639, -38.4298, 22.2270**, and **64.0977, -49.2171, 29.8928** is the 20% darker color. If you saturate the color by 10%, you get **86.5418, -62.6014, 39.9093**, and if you desaturate by 10%, it is **89.1436, -50.6331, 31.5151**.

Distribution



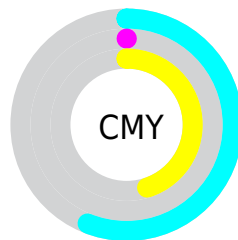
- Red (44%)
- Green (100%)
- Blue (55%)



- Red (44%)
- Yellow (91%)
- Blue (100%)



- Cyan (56%)
- Magenta (0%)
- Yellow (45%)
- Black (0%)





- Cyan (56%)
- Magenta (0%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.6857, -57.2645, 35.9901 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 87.6857, -57.2645, 35.9901 by changing the saturation by 10% instead.


 87.6857, -57.2645,
35.9901


 87.6857, -57.2645,
35.9901


220.0868,
-87.9493, 59.5223


 75.6049, -53.3526,
33.0552


 113.5700,
-64.6744, 41.5897

 64.1362, -49.2660,
30.0065


 127.3250,
-68.2152, 44.2841

 53.3143, -44.9640,
26.8177


 141.5944,
-71.6671, 46.9226

 43.1806, -40.3917,
23.4557

156.3604,
-75.0422, 49.5134

 33.7854, -35.4717,
19.8788

171.6066,
-78.3503, 52.0634

 25.1920, -30.0900,
16.1173

187.3186,

 17.4838, -24.2665,

-81.5997, 54.5784

12.2386

203.4827,
-84.7974, 57.0633

■ 10.7772, -18.8600,
7.5440

■ 1.7291, -3.0259,
1.2103

■ 87.6857, -57.2645,
35.9901

■ 87.6857, -57.2645,
35.9901

■ 86.5418, -62.6014,
39.9093

■ 89.1436, -50.6331,
31.5151

■ 85.6965, -66.6483,
43.2366


■ 90.9231, -42.7508,
26.5391


■ 85.1267, -69.4606,
45.9503

■ 93.0263, -33.6943,
21.1241

■ 84.7983, -71.1592,
48.0475

■ 95.4501, -23.5660,
15.3383

 84.7145, -71.6085,
48.6966

 98.1875, -12.4842,
9.2513

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.



87.6858, -33.8902, 47.3744



87.6857, -57.2645, 35.9901



87.6858, -66.5513, 10.3501

Triad

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



87.6858, -57.2639, 35.9894



87.6858, -10.6679, -97.3620



87.6858, 72.1487, 29.6704

Complementary

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



87.6857, -57.2645, 35.9901



61.9190, 66.8053, -29.5717

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.



87.6858, 81.2127, -1.1964



87.6857, -57.2645, 35.9901



87.6858, 28.9302, -84.8840

Square

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



87.6858, -57.2639, 35.9894



87.6858, -42.7451, -74.2842



87.6858, 64.2355, -45.1234



87.6858, 41.2331, 44.9747

Rectangle

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



87.6857, -57.2645, 35.9901



87.6858, -64.9051, -15.6939



87.6858, 64.2355, -45.1234



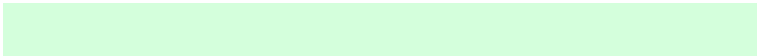
87.6858, 78.0546, 21.2522

Sweetspot

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



87.6858, -57.2639, 35.9894



95.2134, -24.5418, 15.8855



94.2992, -32.1897, 47.9048



43.8157, -12.3245, 7.8967

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.6858, -57.2639, 35.9894



86.4516, -63.0282, 40.2414



89.2880, -47.6228, 12.7802



44.9760, -7.5787, 5.2588



61.2502, -51.6764, 34.9972



19.1508, -15.8835, 10.3511

Inverse Universe

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



61.9190, 66.8053, -29.5717



57.2799, 78.5930, -33.6665



59.3396, 55.4122, 6.5940



42.7007, 3.1332, -0.5330



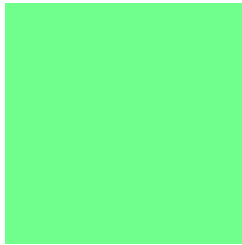
36.5937, 68.9042, -24.6972



11.4851, 21.7358, -8.6041

Previews

White Background



This preview shows how the HunterLab color 87.6857, -57.2645, 35.9901 looks on a white background.

Color Contrast Check

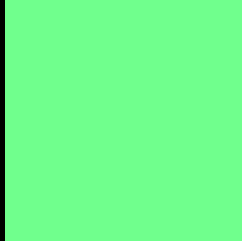
Large Text (above 18pt) WCAG AA × Fail

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 87.6857, -57.2645, 35.9901 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 87.6857, -57.2645, 35.9901 Background



This preview shows how black text looks on a background with the HunterLab color 87.6857, -57.2645, 35.9901.



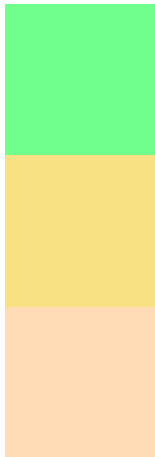
This preview shows how white text looks on a background with the HunterLab color 87.6857, -57.2645, 35.9901.

-57.2645, 35.9901.

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

87.6857, -57.2645, 35.9901

Protanopia

86.7389, -9.1552, 38.8519

Deuteranopia

86.7758, 2.4500, 23.2756



Tritanopia

87.4815, -23.2916, -10.6219

Trichromacy



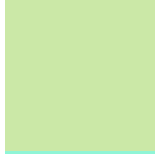
Original Color

87.6857, -57.2645, 35.9901



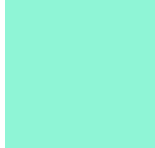
Protanomaly

85.8591, -30.5304, 36.7967



Deuteranomaly

85.5569, -23.5843, 26.9717



Tritanomaly

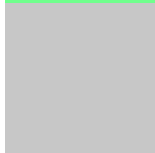
87.1777, -37.6576, 9.7921

Monochromacy



Original Color

87.6857, -57.2645, 35.9901



Achromatopsia

75.5728, -4.0324, 4.1060



Achromatomaly

78.7990, -26.2127, 16.4051

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.6857, -57.2645, 35.9901 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(112, 255, 141)` looks like.

```
.text, #text, p{  
    color:rgb(112, 255, 141)  
}
```

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(112, 255, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 255, 141) }
```

Border

The CSS property to change the border of an element to HunterLab 87.6857, -57.2645, 35.9901 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(112, 255, 141) }
```


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

```
.border{ border-color:rgb(112, 255, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 255, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 255, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 255, 141);  
box-shadow:4px 4px 4px 4px rgb(112, 255,  
141) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.6857, -57.2645, 35.9901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 255, 141) }
```

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

```
.background{ background-color: rgb(112,  
255, 141) }
```

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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