

Converting Colors

HunterLab(87.9641, -57.4033,
46.0971)

Have a look what the booklet for
HunterLab(87.9641, -57.4033,
46.0971) contains.

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Color

**HunterLab(87.9753,
-57.3532, 46.0691)**

Conversions

Conversions Part 1

Format	Color
Hex	86FF5E
RGB	134, 255, 94
RGB Percent	53%, 100%, 37%
CMY	0.4745, 0.0000, 0.6314
CMYK	0.47, 0.00, 0.63, 0.00
HSL	105°, 100%, 68%
HSV	105°, 63%, 100%
XYZ	47.6119, 77.3965, 23.0193
YIQ	200.4670, -20.4350, -75.7230

Conversions

Conversions Part 2

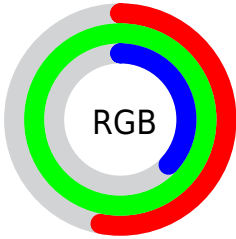
Format	Color
RYB	94, 255, 215
Decimal	8847198
CIELab	90.50, -61.97, 64.48
CIElCh	91, 89.433, 133.863
Yxy	77.3966, 0.3216, 0.5228
Android (android.graphics.Color)	4287037278 (0xFF86FF5E)
YUV	200.4670, -52.4882, -58.2916
Hunter-Lab	87.9753, -57.3532, 46.0691

Details

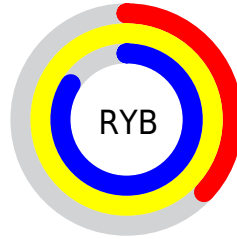
The HunterLab color **87.9753, -57.3532, 46.0691** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **54.4739, 68.7689, -68.2015**, and the grayscale version is **76.4210, -4.0776, 4.1521**.

A 20% lighter version of the original color is **92.2992, -38.6936, 37.6619**, and **64.2996, -49.3229, 37.4309** is the 20% darker color. If you saturate the color by 10%, you get **86.9352, -62.0655, 48.6974**, and if you desaturate by 10%, it is **89.2482, -51.6058, 42.3906**.

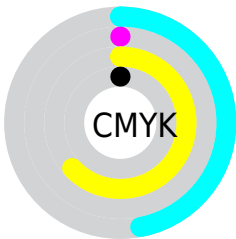
Distribution



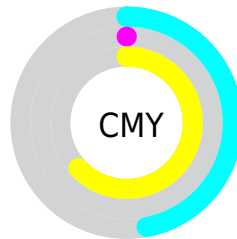
- Red (53%)
- Green (100%)
- Blue (37%)



- Red (37%)
- Yellow (100%)
- Blue (84%)



- Cyan (47%)
- Magenta (0%)
- Yellow (63%)
- Black (0%)





- Cyan (47%)
- Magenta (0%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.9753, -57.3532, 46.0691 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 87.9753, -57.3532, 46.0691 by changing the saturation by 10% instead.


 87.9753, -57.3532,
46.0691


 87.9753, -57.3532,
46.0691


220.4802,
-88.0214, 78.7835


 75.8805, -53.4453,
41.8622


 113.8855,
-64.7575, 54.0275


 64.3971, -49.3632,
37.4733


 127.6528,
-68.2960, 57.8197

 53.5597, -45.0669,
32.8741


 141.9340,
-71.7459, 61.5083

 43.4093, -40.5018,
28.0375

 156.7114,
-75.1193, 65.1060

 33.9962, -35.5911,
23.1446

171.9687,
-78.4259, 68.6237

 25.3832, -30.2220,
17.7682

187.6913,

 17.6531, -24.3746,

-81.6740, 72.0707

12.3572

203.8659,
-84.8705, 75.4551

■ 10.9213, -19.1124,
7.6449

■ 2.3617, -4.1330,
1.6532

■ 87.9753, -57.3532,
46.0691

■ 87.9753, -57.3532,
46.0691

■ 86.9352, -62.0655,
48.6974

■ 89.2482, -51.6058,
42.3906

■ 86.1182, -65.7551,
50.3406

■ 90.7593, -44.8423,
37.6394

■ 85.5098, -68.4687,
51.1099

■ 92.5106, -37.1040,
31.8207

■ 85.1987, -69.8355,
51.2765

■ 94.5011, -28.4506,
24.9655

■ 96.7273, -18.9545,
17.1239

■ 99.1836, -8.6959,
8.3597

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.



87.9753, -24.6396, 53.2630



87.9753, -57.3532, 46.0691



87.9753, -73.7913, 24.8710

Triad

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



87.9753, -57.3528, 46.0683



87.9753, -27.6546, -118.0326



87.9753, 97.0210, 22.4415

Complementary

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



87.9753, -57.3532, 46.0691



54.4739, 68.7689, -68.2015

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.



87.9753, 95.7563, -21.5374



87.9753, -57.3532, 46.0691



87.9753, 17.1932, -119.8751

Square

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



87.9753, -57.3528, 46.0683



87.9753, -59.1727, -74.3014



87.9753, 64.2750, -78.5093



87.9753, 67.4433, 45.0673

Rectangle

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



87.9753, -57.3532, 46.0691



87.9753, -75.9123, -0.9875



87.9753, 64.2750, -78.5093



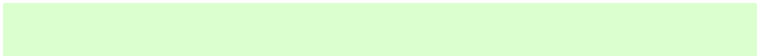
87.9753, 100.3484, 10.1981

Sweetspot

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



87.9753, -57.3528, 46.0683



95.3934, -24.6214, 21.8390



83.9896, -3.5313, 44.2159



43.8458, -12.6234, 11.1125

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.9753, -57.3528, 46.0683



86.6788, -63.2257, 49.2650



86.9645, -60.4437, 37.0887



45.1509, -7.0848, 6.4978



61.6338, -50.2801, 37.0982



19.3582, -15.1561, 11.6631

Inverse Universe

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



54.4739, 68.7689, -68.2015



48.8093, 80.6931, -83.4340



58.4464, 73.2580, -27.7511



42.4968, 2.6056, -2.0200



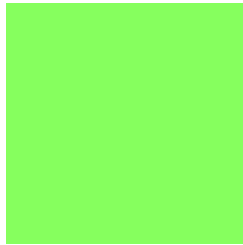
31.1101, 65.4033, -73.8980



9.9679, 20.7553, -22.1243

Previews

White Background



This preview shows how the HunterLab color 87.9753, -57.3532, 46.0691 looks on a white background.

Color Contrast Check

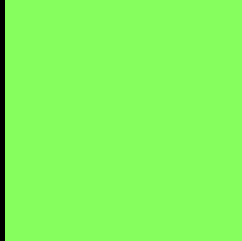
Large Text (above 18pt) WCAG AA × Fail

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 87.9753, -57.3532, 46.0691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

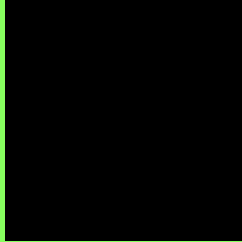
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

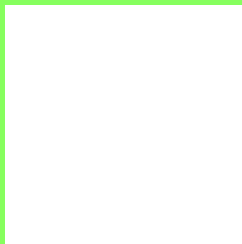
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.9753, -57.3532, 46.0691 Background



This preview shows how black text looks on a background with the HunterLab color 87.9753, -57.3532, 46.0691.



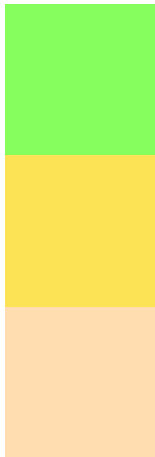
This preview shows how white text looks on a background with the HunterLab color 87.9753, -57.3532, 46.0691.

-57.3532, 46.0691.

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

87.9753, -57.3532, 46.0691

Protanopia

87.3530, -11.2708, 47.6535

Deuteranopia

87.2624, 0.7735, 25.5227



Tritanopia

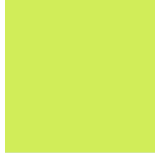
87.7650, -20.5368, -10.1918

Trichromacy



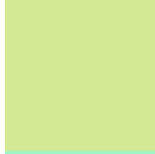
Original Color

87.9753, -57.3532, 46.0691



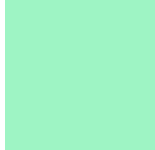
Protanomaly

86.5130, -30.9399, 46.2900



Deuteranomaly

86.1587, -23.8426, 33.6777



Tritanomaly

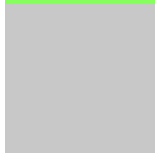
87.1527, -36.9720, 17.5275

Monochromacy



Original Color

87.9753, -57.3532, 46.0691



Achromatopsia

75.9987, -4.0551, 4.1292



Achromatomaly

79.3661, -26.5928, 23.2504

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.9753, -57.3532, 46.0691 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(134, 255, 94)` looks like.

```
.text, #text, p{  
    color:rgb(134, 255, 94)  
}
```

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(134, 255, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 255, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 87.9753, -57.3532, 46.0691 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(134, 255, 94) }
```


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

```
.border{ border-color:rgb(134, 255, 94) }
```

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

Here you see how a box with a 4 pixel rgb(134, 255, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 255, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 255, 94);  
box-shadow:4px 4px 4px 4px rgb(134, 255,  
94) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.9753, -57.3532, 46.0691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 255, 94) }
```

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

```
.background{ background-color: rgb(134,  
255, 94) }
```

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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