

Converting Colors

HunterLab(87.6929, -57.6289,
39.0498)

Have a look what the booklet for
HunterLab(87.6929, -57.6289,
39.0498) contains.

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Color

**HunterLab(87.6852,
-57.6523, 38.9786)**

Conversions

Conversions Part 1

Format	Color
Hex	75FF81
RGB	117, 255, 129
RGB Percent	46%, 100%, 51%
CMY	0.5412, 0.0000, 0.4941
CMYK	0.54, 0.00, 0.49, 0.00
HSL	125°, 100%, 73%
HSV	125°, 54%, 100%
XYZ	47.0586, 76.8869, 33.1294
YIQ	199.3740, -41.8020, -68.4420

Conversions

Conversions Part 2

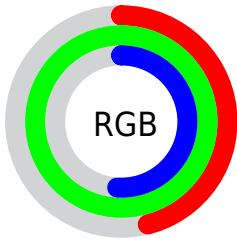
Format	Color
RYB	117, 244, 255
Decimal	7733121
CIELab	90.27, -62.51, 48.70
CIELCh	90, 79.240, 142.075
Yxy	76.8871, 0.2996, 0.4895
Android (android.graphics.Color)	4285923201 (0xFF75FF81)
YUV	199.3740, -34.6944, -72.2420
Hunter-Lab	87.6852, -57.6523, 38.9786

Details

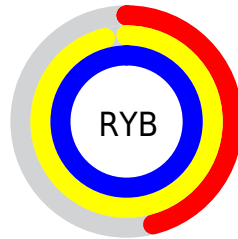
The HunterLab color **87.6852, -57.6523, 38.9786** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **63.6033, 67.6866, -38.6649**, and the grayscale version is **75.8883, -4.0492, 4.1232**.

A 20% lighter version of the original color is **91.8943, -38.8840, 26.6861**, and **64.0958, -49.5362, 32.3035** is the 20% darker color. If you saturate the color by 10%, you get **86.4896, -63.2085, 42.8924**, and if you desaturate by 10%, it is **89.2141, -50.6974, 34.2622**.

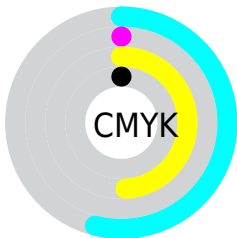
Distribution



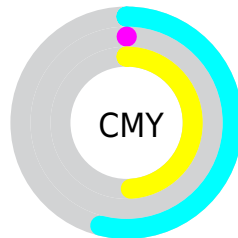
- Red (46%)
- Green (100%)
- Blue (51%)



- Red (46%)
- Yellow (96%)
- Blue (100%)



- Cyan (54%)
- Magenta (0%)
- Yellow (49%)
- Black (0%)





- Cyan (54%)
- Magenta (0%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.6852, -57.6523, 38.9786 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 87.6852, -57.6523, 38.9786 by changing the saturation by 10% instead.


 87.6852, -57.6523,
38.9786


 87.6852, -57.6523,
38.9786


220.0861,
-88.5553, 64.9209


 75.6044, -53.7098,
35.7060


 113.5694,
-65.1185, 45.2005

 64.1357, -49.5904,
32.2989


 127.3244,
-68.6853, 48.1834

 53.3139, -45.2531,
28.7289


 141.5938,
-72.1621, 51.0973

 43.1802, -40.6425,
24.9615

156.3597,
-75.5611, 53.9520

 33.7850, -35.6804,
20.9560

171.6059,
-78.8921, 56.7554

 25.1917, -30.2521,
17.0607

187.3179,

 17.4835, -24.3992,

-82.1637, 59.5143

12.2384

203.4820,
-85.3827, 62.2345

■ 10.7769, -18.8596,
7.5438

■ 1.7276, -3.0234,
1.2093

■ 87.6852, -57.6523,
38.9786

■ 87.6852, -57.6523,
38.9786

■ 86.4896, -63.2085,
42.8924

■ 89.2141, -50.6974,
34.2622

■ 85.6120, -67.3669,
45.9851

■ 91.0837, -42.3955,
28.7920

■ 85.0286, -70.1853,
48.2654

■ 93.2952, -32.8350,
22.6329

■ 84.7043, -71.7921,
49.7763

■ 95.8443, -22.1323,
15.8636

■ 84.6041, -72.3007,
50.3286

■ 98.7222, -10.4195,
8.5691

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.



87.6853, -31.8530, 49.2000



87.6852, -57.6523, 38.9786



87.6853, -68.7979, 14.3076

Triad

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



87.6853, -57.6518, 38.9778



87.6853, -15.0767, -103.5770



87.6853, 78.9451, 28.1311

Complementary

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



87.6852, -57.6523, 38.9786



63.6033, 67.6866, -38.6649

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.



87.6853, 85.6351, -5.9694



87.6852, -57.6523, 38.9786



87.6853, 26.2589, -94.2074

Square

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



87.6853, -57.6518, 38.9778



87.6853, -47.2698, -75.1713



87.6853, 64.9058, -53.4302



87.6853, 47.9941, 45.1900

Rectangle

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



87.6852, -57.6523, 38.9786



87.6853, -68.1295, -12.0223



87.6853, 64.9058, -53.4302



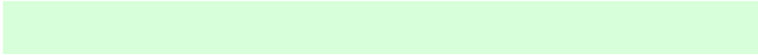
87.6853, 84.3057, 18.7884

Sweetspot

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



87.6853, -57.6518, 38.9778



95.3389, -24.2287, 17.1809



95.8896, -26.1344, 48.2230



43.8587, -12.2503, 8.6048

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.6853, -57.6518, 38.9778



86.3996, -63.6314, 43.1986



89.0821, -49.2294, 18.6723



44.9375, -7.7940, 5.8103



61.1638, -52.2184, 36.2750



19.1071, -16.1573, 10.9968

Inverse Universe

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



63.6033, 67.6866, -38.6649



58.9682, 80.3915, -45.6026



60.8756, 55.5904, -0.7666



42.7452, 3.3710, -1.1641



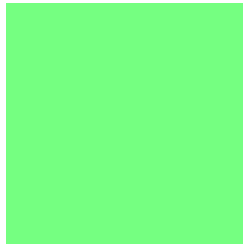
37.6681, 72.6845, -39.0436



11.7865, 22.7942, -12.6126

Previews

White Background



This preview shows how the HunterLab color 87.6852, -57.6523, 38.9786 looks on a white background.

Color Contrast Check

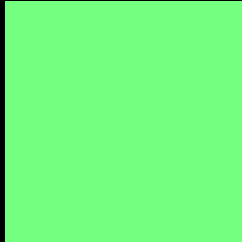
Large Text (above 18pt) WCAG AA × Fail

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 87.6852, -57.6523, 38.9786 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 87.6852, -57.6523, 38.9786 Background



This preview shows how black text looks on a background with the HunterLab color 87.6852, -57.6523, 38.9786.



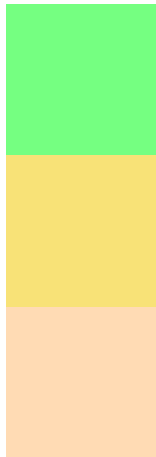
This preview shows how white text looks on a background with the HunterLab color 87.6852, -57.6523, 38.9786.

-57.6523, 38.9786.

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

87.6852, -57.6523, 38.9786

Protanopia

86.9949, -10.1763, 41.5330

Deuteranopia

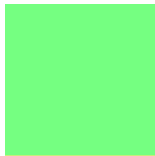
86.7285, 2.1946, 23.9611



Tritanopia

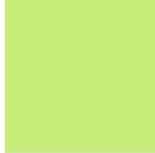
87.2672, -22.3640, -10.8951

Trichromacy



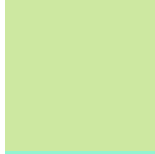
Original Color

87.6852, -57.6523, 38.9786



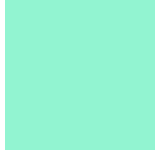
Protanomaly

86.1846, -31.3624, 39.6662



Deuteranomaly

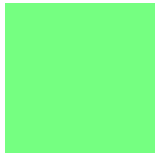
85.5953, -23.6953, 28.9727



Tritanomaly

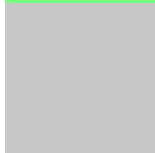
86.8423, -37.4579, 11.6726

Monochromacy



Original Color

87.6852, -57.6523, 38.9786



Achromatopsia

75.5728, -4.0324, 4.1060



Achromatomaly

78.8378, -26.2678, 18.0043

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.6852, -57.6523, 38.9786 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(117, 255, 129)` looks like.

```
.text, #text, p{  
    color:rgb(117, 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(117, 255, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 255, 129) }
```

Border

The CSS property to change the border of an element to HunterLab 87.6852, -57.6523, 38.9786 is called "border". The border property can be set on classes, ids or directly on the HTML element.

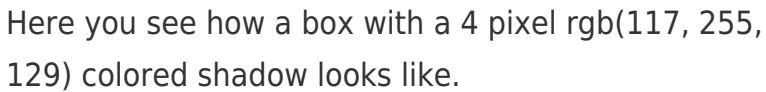
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 255, 129) }
```


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

```
.border{ border-color:rgb(117, 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(117, 255, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 255, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 255, 129); box-shadow:4px 4px 4px 4px rgb(117, 255, 129) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.6852, -57.6523, 38.9786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 255, 129) }
```

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

```
.background{ background-color: rgb(117,  
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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