

Converting Colors

HunterLab(103.4134, -72.5701,
47.6664)

Have a look what the booklet for
HunterLab(103.4134, -72.5701,
47.6664) contains.

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Color

**HunterLab(87.8727,
-56.4344, 35.6250)**

Conversions

Conversions Part 1

Format	Color
Hex	74FF8F
RGB	116, 255, 143
RGB Percent	45%, 100%, 56%
CMY	0.5451, 0.0000, 0.4392
CMYK	0.55, 0.00, 0.44, 0.00
HSL	132°, 100%, 73%
HSV	132°, 55%, 100%
XYZ	47.9203, 77.2161, 38.3650
YIQ	200.6710, -46.8920, -64.3000

Conversions

Conversions Part 2

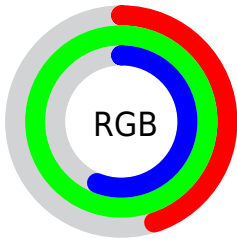
Format	Color
RYB	116, 232, 255
Decimal	7667599
CIELab	90.42, -60.76, 42.22
CIELCh	90, 73.989, 145.204
Yxy	77.2164, 0.2931, 0.4723
Android (android.graphics.Color)	4285857679 (0xFF74FF8F)
YUV	200.6710, -28.4318, -74.2565
Hunter-Lab	87.8727, -56.4344, 35.6250

Details

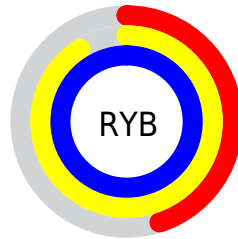
The HunterLab color **87.8727, -56.4344, 35.6250** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **62.7315, 65.1841, -29.5750**, and the grayscale version is **76.4168, -4.0774, 4.1519**.

A 20% lighter version of the original color is **92.1652, -37.1742, 21.7719**, and **64.2590, -48.4887, 29.6150** is the 20% darker color. If you saturate the color by 10%, you get **86.6807, -61.9752, 39.6314**, and if you desaturate by 10%, it is **89.3817, -49.5953, 31.0520**.

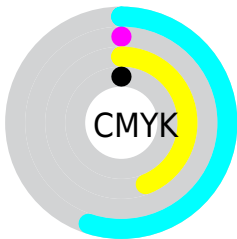
Distribution



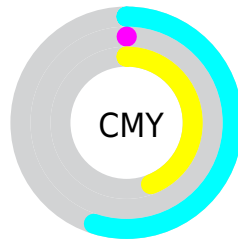
- Red (45%)
- Green (100%)
- Blue (56%)



- Red (45%)
- Yellow (91%)
- Blue (100%)



- Cyan (55%)
- Magenta (0%)
- Yellow (44%)
- Black (0%)





- Cyan (55%)
- Magenta (0%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.8727, -56.4344, 35.6250 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 87.8727, -56.4344, 35.6250 by changing the saturation by 10% instead.


 87.8727, -56.4344,
35.6250


 87.8727, -56.4344,
35.6250


220.3410,
-86.6134, 58.8397


 75.7829, -52.5946,
32.7354


 113.7738,
-63.7129, 41.1418

 64.3047, -48.5852,
29.7350


 127.5367,
-67.1931, 43.7982

 53.4728, -44.3668,
26.5981


 141.8138,
-70.5873, 46.4003

 43.3283, -39.8860,
23.2920

156.5871,
-73.9071, 48.9564

 33.9215, -35.0674,
19.7752

171.8405,
-77.1623, 51.4731

 25.3155, -29.7998,
16.0461

187.5594,

 17.5931, -24.0353,

-80.3607, 53.9562

12.3152

203.7303,
-83.5091, 56.4104

■ 10.8702, -19.0229,
7.6092

■ 2.1591, -3.7785,
1.5114

■ 87.8727, -56.4344,
35.6250

■ 87.8727, -56.4344,
35.6250

■ 86.6807, -61.9752,
39.6314

■ 89.3817, -49.5953,
31.0520

■ 85.7913, -66.2148,
43.0338


■ 91.2142, -41.5076,
25.9687


■ 85.1826, -69.2003,
45.8094

■ 93.3716, -32.2533,
20.4386

■ 84.8224, -71.0425,
47.9555

■ 95.8500, -21.9388,
14.5314

 84.7032, -71.6792,
48.8632

 98.6416, -10.6845,
8.3174

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.



87.8728, -33.3519, 46.9758



87.8727, -56.4344, 35.6250



87.8728, -65.6455, 10.3297

Triad

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



87.8728, -56.4339, 35.6243



87.8728, -10.6441, -94.7614



87.8728, 70.5684, 29.2756

Complementary

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



87.8727, -56.4344, 35.6250



62.7315, 65.1841, -29.5750

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.



87.8728, 79.3681, -1.1503



87.8727, -56.4344, 35.6250



87.8728, 28.1853, -82.7183

Square

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



87.8728, -56.4339, 35.6243



87.8728, -42.1878, -72.2917



87.8728, 62.7406, -44.0811



87.8728, 40.3796, 44.5361

Rectangle

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



87.8727, -56.4344, 35.6250



87.8728, -64.0352, -15.1844



87.8728, 62.7406, -44.0811



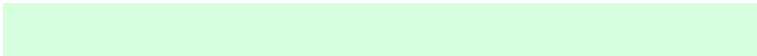
87.8728, 76.3199, 20.9442

Sweetspot

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



87.8728, -56.4339, 35.6243



95.4604, -23.5390, 15.4331



94.6172, -30.8980, 47.4077



43.9208, -11.8963, 7.7108

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

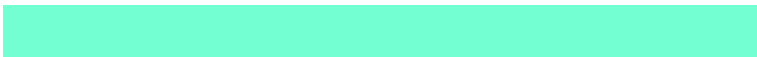
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.8728, -56.4339, 35.6243



86.6301, -62.2135, 39.8128



89.4066, -47.2163, 13.4038



44.9731, -7.5947, 5.2998



61.2415, -51.7304, 35.1245



19.1472, -15.9061, 10.4044

Inverse Universe

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



62.7315, 65.1841, -29.5750



58.1063, 76.8737, -33.9407



60.2410, 54.0885, 5.3265



42.7040, 3.1506, -0.5793



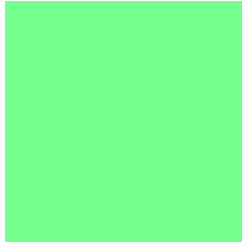
36.6677, 69.1661, -25.6974



11.5060, 21.8098, -8.8860

Previews

White Background



This preview shows how the HunterLab color 87.8727, -56.4344, 35.6250 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 87.8727, -56.4344, 35.6250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

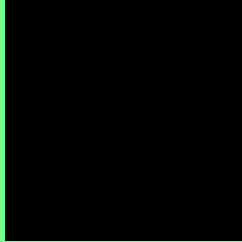
Any Text WCAG AA ✓ Pass

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 87.8727, -56.4344, 35.6250 Background



This preview shows how black text looks on a background with the HunterLab color 87.8727, -56.4344, 35.6250.



This preview shows how white text looks on a background with the HunterLab color 87.8727,

-56.4344, 35.6250.

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

87.8727, -56.4344, 35.6250

Protanopia

87.0820, -9.4842, 38.6306

Deuteranopia

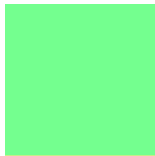
87.1247, 2.1844, 22.8643



Tritanopia

87.6011, -22.8503, -10.4529

Trichromacy



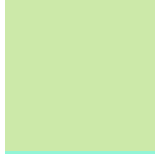
Original Color

87.8727, -56.4344, 35.6250



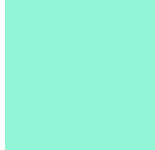
Protanomaly

86.3065, -30.4983, 36.6464



Deuteranomaly

86.0115, -23.5070, 26.7137



Tritanomaly

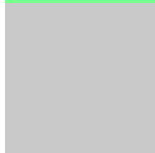
87.3332, -37.0584, 9.9754

Monochromacy



Original Color

87.8727, -56.4344, 35.6250



Achromatopsia

76.4250, -4.0778, 4.1523



Achromatomaly

79.7209, -26.0534, 16.5537

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.8727, -56.4344, 35.6250 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(116, 255, 143)` looks like.

```
.text, #text, p{  
    color:rgb(116, 255, 143)  
}
```

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(116, 255, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 255, 143) }
```

Border

The CSS property to change the border of an element to HunterLab 87.8727, -56.4344, 35.6250 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(116, 255, 143) }
```


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

```
.border{ border-color:rgb(116, 255, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 255, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 255, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 255, 143);  
box-shadow:4px 4px 4px 4px rgb(116, 255,  
143) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.8727, -56.4344, 35.6250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 255, 143) }
```

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

```
.background{ background-color: rgb(116,  
255, 143) }
```

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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