

Converting Colors

HunterLab(87.5508, -57.8283,
35.9723)

Have a look what the booklet for
HunterLab(87.5508, -57.8283,
35.9723) contains.

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Color

**HunterLab(87.5753,
-57.7152, 35.8927)**

Conversions

Conversions Part 1

Format	Color
Hex	6DFF8D
RGB	109, 255, 141
RGB Percent	43%, 100%, 55%
CMY	0.5725, 0.0000, 0.4470
CMYK	0.57, 0.00, 0.45, 0.00
HSL	133°, 100%, 71%
HSV	133°, 57%, 100%
XYZ	46.8744, 76.6943, 37.5323
YIQ	198.3500, -50.4220, -66.4060

Conversions

Conversions Part 2

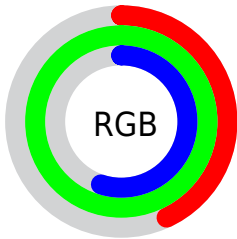
Format	Color
RYB	109, 229, 255
Decimal	7208845
CIELab	90.18, -62.64, 42.84
CIELCh	90, 75.887, 145.633
Yxy	76.6945, 0.2910, 0.4761
Android (android.graphics.Color)	4285398925 (0xFF6DFF8D)
YUV	198.3500, -28.2736, -78.3600
Hunter-Lab	87.5753, -57.7152, 35.8927

Details

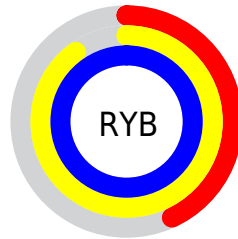
The HunterLab color **87.5753, -57.7152, 35.8927** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **61.2578, 67.7147, -28.6360**, and the grayscale version is **75.4284, -4.0247, 4.0982**.

A 20% lighter version of the original color is **91.7406, -38.9039, 22.0975**, and **64.0134, -49.5708, 29.8231** is the 20% darker color. If you saturate the color by 10%, you get **86.4666, -62.9019, 39.7549**, and if you desaturate by 10%, it is **88.9943, -51.2464, 31.5034**.

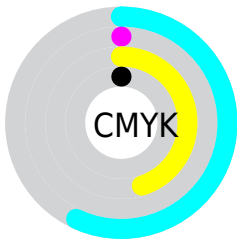
Distribution



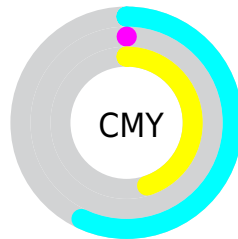
- Red (43%)
- Green (100%)
- Blue (55%)



- Red (43%)
- Yellow (90%)
- Blue (100%)



- Cyan (57%)
- Magenta (0%)
- Yellow (45%)
- Black (0%)





- Cyan (57%)
- Magenta (0%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.5753, -57.7152, 35.8927 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 87.5753, -57.7152, 35.8927 by changing the saturation by 10% instead.


 87.5753, -57.7152,
35.8927


 87.5753, -57.7152,
35.8927


219.9368,
-88.6792, 59.3738


 75.4998, -53.7635,
32.9646


 113.4496,
-65.1977, 41.4794

 64.0367, -49.6341,
29.9230


 127.1999,
-68.7719, 44.1679

 53.2208, -45.2858,
26.7415


 141.4649,
-72.2557, 46.8005

 43.0934, -40.6629,
23.3873

156.2264,
-75.6613, 49.3856

 33.7051, -35.6866,
19.8181

171.4685,
-78.9987, 51.9302

 25.1192, -30.2417,
16.0655

187.1763,

 17.4193, -24.3934,

-82.2762, 54.4399

12.1935

203.3365,
-85.5011, 56.9197

■ 10.7223, -18.7640,
7.5056

■ 1.4148, -2.4759,
0.9904

■ 87.5753, -57.7152,
35.8927

■ 87.5753, -57.7152,
35.8927

■ 86.4666, -62.9019,
39.7549

■ 88.9943, -51.2464,
31.5034

■ 85.6521, -66.8163,
43.0537


■ 90.7319, -43.5343,
26.6412


■ 85.1078, -69.5191,
45.7656

■ 92.7908, -34.6509,
21.3669

■ 84.7974, -71.1420,
47.8837

■ 95.1686, -24.6952,
15.7469

 84.7375, -71.4639,
48.3555

 97.8587, -13.7820,
9.8488

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.



87.5754, -34.4114, 47.4155



87.5753, -57.7152, 35.8927



87.5754, -66.8581, 9.9534

Triad

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



87.5754, -57.7146, 35.8920



87.5754, -10.2346, -98.3009



87.5754, 72.4136, 30.0534

Complementary

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



87.5753, -57.7152, 35.8927



61.2578, 67.7147, -28.6360

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.



87.5754, 81.8699, -0.7575



87.5753, -57.7152, 35.8927



87.5754, 29.6431, -85.2601

Square

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



87.5754, -57.7146, 35.8920



87.5754, -42.6146, -75.3875



87.5754, 65.0586, -44.9313



87.5754, 41.0695, 45.2081

Rectangle

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



87.5753, -57.7152, 35.8927



87.5754, -65.0910, -16.3735



87.5754, 65.0586, -44.9313



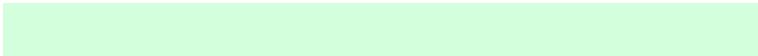
87.5754, 78.4652, 21.6749

Sweetspot

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



87.5754, -57.7146, 35.8920



95.2332, -24.4290, 15.6001



94.0056, -33.3675, 48.2163



43.8258, -12.2670, 7.7517

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.5754, -57.7146, 35.8920



86.3037, -63.6760, 40.3723



89.2231, -47.7924, 12.0297



44.9815, -7.5480, 5.1802



61.2677, -51.5663, 34.7376



19.1580, -15.8385, 10.2449

Inverse Universe

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



61.2578, 67.7147, -28.6360



56.4265, 79.9557, -32.4021



58.6613, 56.3140, 7.8121



42.6945, 3.0998, -0.4444



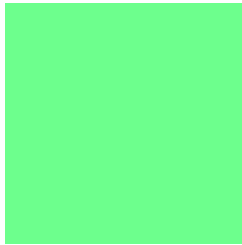
36.4545, 68.4106, -22.8090



11.4455, 21.5959, -8.0705

Previews

White Background



This preview shows how the HunterLab color 87.5753, -57.7152, 35.8927 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 87.5753, -57.7152, 35.8927 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

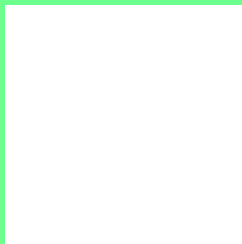
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.5753, -57.7152, 35.8927 Background



This preview shows how black text looks on a background with the HunterLab color 87.5753, -57.7152, 35.8927.



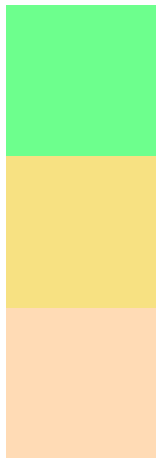
This preview shows how white text looks on a background with the HunterLab color 87.5753,

-57.7152, 35.8927.

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

87.5753, -57.7152, 35.8927

Protanopia

86.7389, -9.1552, 38.8519

Deuteranopia

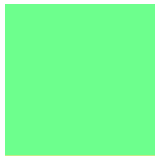
86.7521, 2.3219, 23.6195



Tritanopia

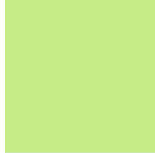
87.3636, -23.7271, -10.7887

Trichromacy



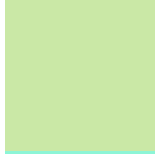
Original Color

87.5753, -57.7152, 35.8927



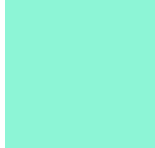
Protanomaly

85.7802, -30.8289, 36.7285



Deuteranomaly

85.4535, -24.0103, 27.2049



Tritanomaly

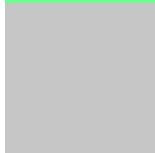
87.0762, -38.0495, 9.6722

Monochromacy



Original Color

87.5753, -57.7152, 35.8927



Achromatopsia

75.1473, -4.0097, 4.0829



Achromatomaly

78.7047, -26.6181, 16.6971

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.5753, -57.7152, 35.8927 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(109, 255, 141)` looks like.

```
.text, #text, p{  
    color:rgb(109, 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(109, 255, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 255, 141) }
```

Border

The CSS property to change the border of an element to HunterLab 87.5753, -57.7152, 35.8927 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(109, 255, 141) }
```


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

```
.border{ border-color:rgb(109, 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(109, 255, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 255, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 255, 141); box-shadow:4px 4px 4px 4px rgb(109, 255, 141) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.5753, -57.7152, 35.8927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 255, 141) }
```

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

```
.background{ background-color: rgb(109,  
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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