

Converting Colors

HunterLab(87.3509, -58.5944,
35.3941)

Have a look what the booklet for
HunterLab(87.3509, -58.5944,
35.3941) contains.

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Color

**HunterLab(87.3486,
-58.6081, 35.4271)**

Conversions

Conversions Part 1

Format	Color
Hex	66FF8E
RGB	102, 255, 142
RGB Percent	40%, 100%, 56%
CMY	0.6000, 0.0000, 0.4431
CMYK	0.60, 0.00, 0.44, 0.00
HSL	136°, 100%, 70%
HSV	136°, 60%, 100%
XYZ	46.1220, 76.2978, 37.8873
YIQ	196.3710, -54.9150, -67.5790

Conversions

Conversions Part 2

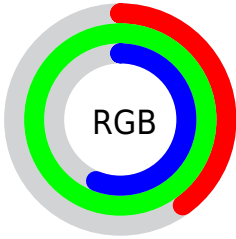
Format	Color
RYB	102, 223, 255
Decimal	6750094
CIELab	90.00, -63.97, 42.08
CIELCh	90, 76.574, 146.664
Yxy	76.2980, 0.2877, 0.4759
Android (android.graphics.Color)	4284940174 (0xFF66FF8E)
YUV	196.3710, -26.8049, -82.7634
Hunter-Lab	87.3486, -58.6081, 35.4271

Details

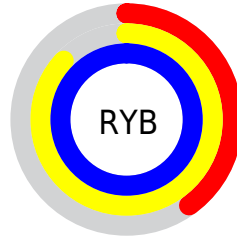
The HunterLab color **87.3486, -58.6081, 35.4271** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **59.7238, 69.5997, -25.8022**, and the grayscale version is **74.5824, -3.9795, 4.0522**.

A 20% lighter version of the original color is **91.4060, -40.1447, 21.3576**, and **63.8293, -50.3185, 29.4655** is the 20% darker color. If you saturate the color by 10%, you get **86.3200, -63.4512, 39.1697**, and if you desaturate by 10%, it is **88.6781, -52.5170, 31.2303**.

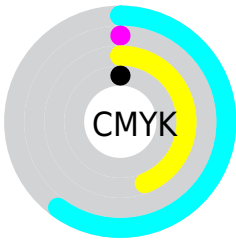
Distribution



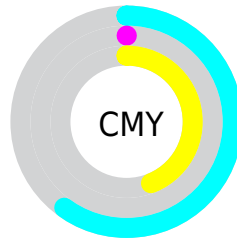
- Red (40%)
- Green (100%)
- Blue (56%)



- Red (40%)
- Yellow (87%)
- Blue (100%)



- Cyan (60%)
- Magenta (0%)
- Yellow (44%)
- Black (0%)





- Cyan (60%)
- Magenta (0%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.3486, -58.6081, 35.4271 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 87.3486, -58.6081, 35.4271 by changing the saturation by 10% instead.


 87.3486, -58.6081,
35.4271

 87.3486, -58.6081,
35.4271


219.6286,
-90.1329, 58.6008

 75.2841, -54.5764,
32.5415


 113.2025,
-66.2365, 40.9352

 63.8325, -50.3610,
29.5447


 126.9432,
-69.8779, 43.5870

 53.0288, -45.9196,
26.4107


 141.1989,
-73.4258, 46.1845

 42.9145, -41.1946,
23.1067

155.9515,
-76.8926, 48.7359

 33.5402, -36.1053,
19.5906

171.1849,
-80.2887, 51.2481

 24.9698, -30.5330,
15.8787

186.8843,

 17.2871, -24.6510,

-83.6227, 53.7265

12.1010

203.0363,
-86.9021, 56.1761

■ 10.6099, -18.5673,
7.4269

0.0000, NaN, NaN

■ 87.3486, -58.6081,
35.4271

■ 87.3486, -58.6081,
35.4271

■ 86.3200, -63.4512,
39.1697

■ 88.6781, -52.5170,
31.2303

■ 85.5746, -67.0681,
42.4202

■ 90.3185, -45.2048,
26.6325

■ 85.0864, -69.5323,
45.1505

■ 92.2740, -36.7330,
21.6917

■ 84.8064, -71.0321,
47.3374

■ 94.5436, -27.1908,
16.4701

■ 84.8064, -71.0322,
47.3376

■ 97.1219, -16.6858,
11.0306

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.



87.3487, -35.6514, 47.3400



87.3486, -58.6081, 35.4271



87.3487, -67.2994, 8.7794

Triad

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



87.3487, -58.6075, 35.4264



87.3487, -8.9591, -99.7318



87.3487, 72.3935, 30.9571

Complementary

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



87.3486, -58.6081, 35.4271



59.7238, 69.5997, -25.8022

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.



87.3487, 82.8603, 0.5287



87.3486, -58.6081, 35.4271



87.3487, 31.3505, -85.2669

Square

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



87.3487, -58.6075, 35.4264



87.3487, -41.9575, -77.6127



87.3487, 66.7101, -43.8554



87.3487, 40.1696, 45.6622

Rectangle

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



87.3486, -58.6081, 35.4271



87.3487, -65.2002, -18.1113



87.3487, 66.7101, -43.8554



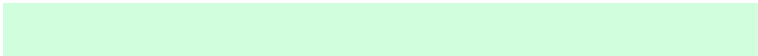
87.3487, 78.7919, 22.7361

Sweetspot

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



87.3487, -58.6075, 35.4264



95.0346, -25.1640, 15.3981



93.3771, -35.9069, 48.9280



43.6386, -13.0010, 7.8444

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.3487, -58.6075, 35.4264



86.1489, -64.2716, 39.8606



89.0739, -48.2037, 10.4607



44.9957, -7.4686, 4.9766



61.3197, -51.2408, 33.9699



19.1784, -15.7113, 9.9450

Inverse Universe

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



59.7238, 69.5997, -25.8022



55.0658, 81.2117, -28.2055



57.1524, 58.4675, 10.4008



42.6784, 3.0139, -0.2166



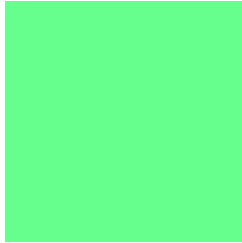
36.1099, 67.1853, -18.1075



11.3469, 21.2465, -6.7341

Previews

White Background



This preview shows how the HunterLab color 87.3486, -58.6081, 35.4271 looks on a white background.

Color Contrast Check

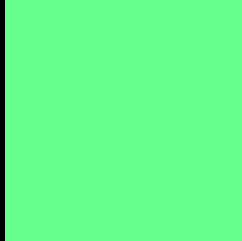
Large Text (above 18pt) WCAG AA × Fail

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 87.3486, -58.6081, 35.4271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

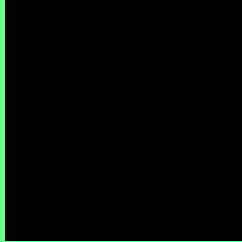
Any Text WCAG AA ✓ Pass

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 87.3486, -58.6081, 35.4271 Background



This preview shows how black text looks on a background with the HunterLab color 87.3486, -58.6081, 35.4271.



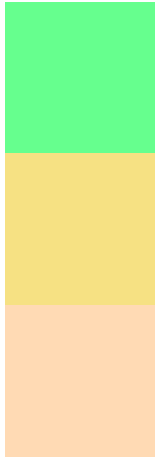
This preview shows how white text looks on a background with the HunterLab color 87.3486, -58.6081, 35.4271.

-58.6081, 35.4271.

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

87.3486, -58.6081, 35.4271

Protanopia

86.6498, -9.4385, 38.5353

Deuteranopia

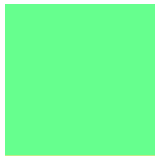
86.4281, 2.7183, 23.6825



Tritanopia

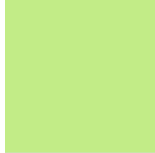
87.1330, -24.5807, -11.1156

Trichromacy



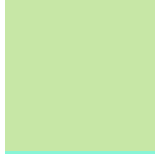
Original Color

87.3486, -58.6081, 35.4271



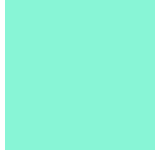
Protanomaly

85.5626, -31.6210, 36.2862



Deuteranomaly

84.8806, -24.4414, 26.6754



Tritanomaly

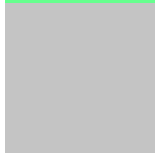
86.8298, -39.0025, 9.3808

Monochromacy



Original Color

87.3486, -58.6081, 35.4271



Achromatopsia

74.2975, -3.9643, 4.0367



Achromatomaly

77.7442, -26.8790, 16.1106

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.3486, -58.6081, 35.4271 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(102, 255, 142)` looks like.

```
.text, #text, p{  
    color:rgb(102, 255, 142)  
}
```

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(102, 255, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 255, 142) }
```

Border

The CSS property to change the border of an element to HunterLab 87.3486, -58.6081, 35.4271 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(102, 255, 142) }
```


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

```
.border{ border-color:rgb(102, 255, 142) }
```

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

Here you see how a box with a 4 pixel rgb(102, 255, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 255, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 255, 142);  
box-shadow:4px 4px 4px 4px rgb(102, 255,  
142) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.3486, -58.6081, 35.4271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 255, 142) }
```

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

```
.background{ background-color: rgb(102,  
255, 142) }
```

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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