

Converting Colors

HunterLab(86.6067, -61.9414,
36.9346)

Have a look what the booklet for
HunterLab(86.6067, -61.9414,
36.9346) contains.

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Color

**HunterLab(86.6228,
-61.8631, 36.8560)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 52FF86 |
| RGB | 82, 255, 134 |
| RGB Percent | 32%, 100%, 53% |
| CMY | 0.6784, 0.0000, 0.4745 |
| CMYK | 0.68, 0.00, 0.47, 0.00 |
| HSL | 138°, 100%, 66% |
| HSV | 138°, 68%, 100% |
| XYZ | 43.5428, 75.0351, 34.7426 |
| YIQ | 189.4790, -64.2670, -74.3070 |

Conversions

Conversions Part 2

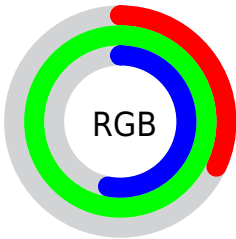
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 82, 215, 255 |
| Decimal | 5439366 |
| CIELab | 89.41, -68.90, 45.07 |
| CIELCh | 89, 82.337, 146.811 |
| Yxy | 75.0353, 0.2840, 0.4894 |
| Android (android.graphics.Color) | 4283629446 (0xFF52FF86) |
| YUV | 189.4790, -27.3511, -94.2591 |
| Hunter-Lab | 86.6228, -61.8631, 36.8560 |

Details

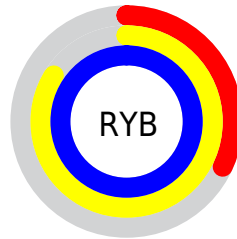
The HunterLab color **86.6228, -61.8631, 36.8560** is a light color, and the websafe version is hex **33FF99**. The color can be described as light muted spring green. A complement of this color would be **56.2199, 76.3592, -23.6056**, and the grayscale version is **71.6696, -3.8241, 3.8939**.

A 20% lighter version of the original color is **90.3237, -44.7502, 23.2710**, and **63.6724, -51.1834, 30.9053** is the 20% darker color. If you saturate the color by 10%, you get **85.8139, -65.7617, 40.2753**, and if you desaturate by 10%, it is **87.7147, -56.7601, 33.0233**.

Distribution



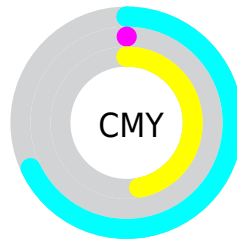
- Red (32%)
- Green (100%)
- Blue (53%)



- Red (32%)
- Yellow (84%)
- Blue (100%)



- Cyan (68%)
- Magenta (0%)
- Yellow (47%)
- Black (0%)





- Cyan (68%)
- Magenta (0%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 86.6228, -61.8631, 36.8560 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 86.6228, -61.8631, 36.8560 by changing the saturation by 10% instead.


 86.6228, -61.8631,
36.8560


 86.6228, -61.8631,
36.8560


218.6410,
-95.4713, 61.3086

 74.5934, -57.5339,
33.7881


 112.4110,
-70.0338, 42.6975

 63.1789, -52.9992,
30.5966


 126.1208,
-73.9250, 45.5029

 52.4146, -48.2118,
27.2538


 140.3467,
-77.7107, 48.2467

 42.3423, -43.1084,
23.7253

 155.0706,
-81.4049, 50.9379

 33.0133, -37.5999,
19.9685

170.2761,
-85.0192, 53.5838

 24.4925, -31.5573,
16.1912


185.9485,

 16.8653, -25.7015,


-88.5631, 56.1909


11.8057


202.0743,
-92.0448, 58.7643


 10.2520, -17.9410,
7.1764


0.0000, NaN, NaN


 86.6228, -61.8631,
36.8560


 86.6228, -61.8631,
36.8560


 85.8139, -65.7617,
40.2753


 87.7147, -56.7601,
33.0233


 85.2640, -68.5170,
43.2471

 89.1048, -50.4456,
28.8253

 84.9365, -70.2601,
45.7420

 90.8019, -42.9519,
24.3150

 84.8828, -70.5542,
46.2101

 92.8090, -34.3452,
19.5503

■ 95.1242, -24.7164,
14.5905

■ 97.7416, -14.1718,
9.4928

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.



86.6229, -37.7985, 48.8176



86.6228, -61.8631, 36.8560



86.6229, -70.8369, 8.8380

Triad

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



86.6229, -61.8625, 36.8553



86.6229, -9.0271, -110.6742



86.6229, 78.8372, 32.4684

Complementary

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



86.6228, -61.8631, 36.8560



56.2199, 76.3592, -23.6056

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.



86.6229, 90.4518, 0.3791



86.6228, -61.8631, 36.8560



86.6229, 34.4365, -94.2440

Square

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



86.6229, -61.8625, 36.8553



86.6229, -44.1679, -86.0533



86.6229, 72.8897, -48.0614



86.6229, 43.5920, 47.2529

Rectangle

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



86.6228, -61.8631, 36.8560



86.6229, -68.6091, -20.2719



86.6229, 72.8897, -48.0614



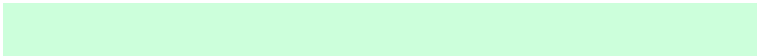
86.6229, 85.8916, 23.9420

Sweetspot

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



86.6229, -61.8625, 36.8553



94.5988, -26.8754, 15.6743



92.1086, -41.1563, 50.8976



43.4589, -13.7045, 7.9000

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



86.6229, -61.8625, 36.8553



85.6136, -66.7510, 41.2637



88.6016, -49.8662, 8.2267



45.0089, -7.3946, 4.7872



61.3767, -50.8839, 33.1281



19.1996, -15.5790, 9.6329

Inverse Universe

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



56.2199, 76.3592, -23.6056



52.2085, 86.1878, -23.5585



53.4509, 64.9042, 15.5401



42.6637, 2.9347, -0.0066



35.8098, 66.1134, -13.9761



11.2602, 20.9379, -5.5489

Previews

White Background



This preview shows how the HunterLab color 86.6228, -61.8631, 36.8560 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 86.6228, -61.8631, 36.8560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

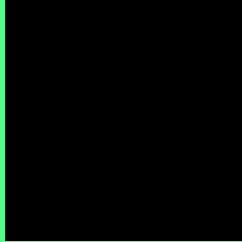
Any Text WCAG AA ✓ Pass

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 86.6228, -61.8631, 36.8560 Background



This preview shows how black text looks on a background with the HunterLab color 86.6228, -61.8631, 36.8560.



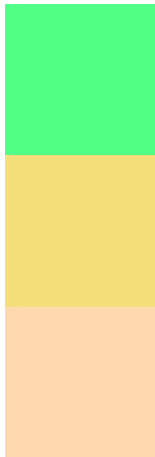
This preview shows how white text looks on a background with the HunterLab color 86.6228, -61.8631, 36.8560.

-61.8631, 36.8560.

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

86.6228, -61.8631, 36.8560

Protanopia

85.7863, -9.5574, 39.9684

Deuteranopia

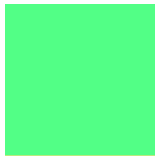
85.6673, 2.8938, 25.4763



Tritanopia

86.1965, -26.3317, -12.4228

Trichromacy



Original Color

86.6228, -61.8631, 36.8560



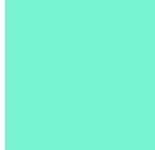
Protanomaly

84.4761, -34.3133, 37.5994



Deuteranomaly

83.8471, -26.8914, 28.0012



Tritanomaly

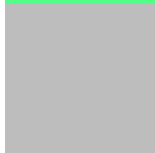
85.7143, -41.7232, 9.4572

Monochromacy



Original Color

86.6228, -61.8631, 36.8560



Achromatopsia

71.3359, -3.8063, 3.8758



Achromatomaly

75.4567, -29.0669, 16.4932

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.6228, -61.8631, 36.8560 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(82, 255, 134)` looks like.

```
.text, #text, p{  
    color:rgb(82, 255, 134)  
}
```

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(82, 255, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 255, 134) }
```

Border

The CSS property to change the border of an element to HunterLab 86.6228, -61.8631, 36.8560 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(82, 255, 134) }
```


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

```
.border{ border-color:rgb(82, 255, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 255, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 255, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 255, 134);  
box-shadow:4px 4px 4px 4px rgb(82, 255,  
134) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.6228, -61.8631, 36.8560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 255, 134) }
```

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

```
.background{ background-color: rgb(82, 255,  
134) }
```

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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