

Converting Colors

HunterLab(86.9879, -61.2314,
43.9617)

Have a look what the booklet for
HunterLab(86.9879, -61.2314,
43.9617) contains.

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Color

**HunterLab(86.9870,
-61.2350, 43.9611)**

Conversions

Conversions Part 1

Format	Color
Hex	6CFF66
RGB	108, 255, 102
RGB Percent	42%, 100%, 40%
CMY	0.5765, 0.0000, 0.6000
CMYK	0.58, 0.00, 0.60, 0.00
HSL	118°, 100%, 70%
HSV	118°, 60%, 100%
XYZ	44.3425, 75.6674, 24.8385
YIQ	193.6050, -38.4990, -78.7470

Conversions

Conversions Part 2

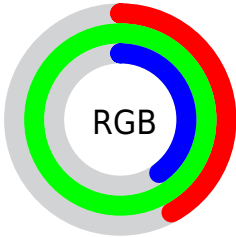
Format	Color
RYB	102, 255, 249
Decimal	7143270
CIELab	89.70, -67.83, 60.04
CIELCh	90, 90.590, 138.485
Yxy	75.6676, 0.3061, 0.5224
Android (android.graphics.Color)	4285333350 (0xFF6CFF66)
YUV	193.6050, -45.1613, -75.0756
Hunter-Lab	86.9870, -61.2350, 43.9611

Details

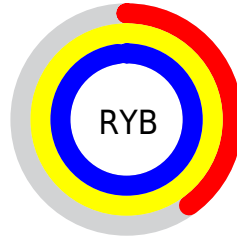
The HunterLab color **86.9870, -61.2350, 43.9611** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **60.7158, 75.6411, -53.6491**, and the grayscale version is **73.4792, -3.9207, 3.9923**.

A 20% lighter version of the original color is **90.8913, -43.8968, 34.4305**, and **63.5150, -52.5106, 35.9009** is the 20% darker color. If you saturate the color by 10%, you get **85.9713, -65.9586, 47.0413**, and if you desaturate by 10%, it is **88.3241, -55.0994, 39.8660**.

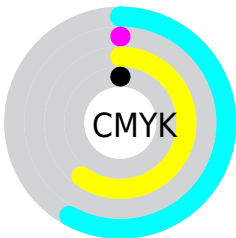
Distribution



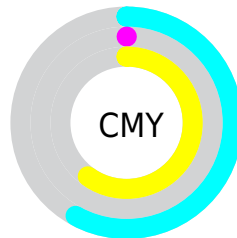
- Red (42%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (98%)



- Cyan (58%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)





- Cyan (58%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 86.9870, -61.2350, 43.9611 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 86.9870, -61.2350, 43.9611 by changing the saturation by 10% instead.


 86.9870, -61.2350,
43.9611


 86.9870, -61.2350,
43.9611


219.1367,
-94.3740, 74.8082

 74.9399, -56.9742,
40.0052


 112.8082,
-69.2825, 51.4474


 63.5068, -52.5131,
35.8771


 126.5335,
-73.1172, 55.0176

 52.7227, -47.8061,
31.5469


 140.7744,
-76.8492, 58.4927

 42.6293, -42.7915,
26.9838

 155.5127,
-80.4923, 61.8848

 33.2776, -37.3823,
22.2464

170.7322,
-84.0577, 65.2043

 24.7318, -31.4527,
17.3122


186.4182,

 17.0766, -25.5202,


-87.5547, 68.4599


11.9536


202.5572,
-90.9912, 71.6591


 10.4312, -18.2546,
7.3018


0.0000, NaN, NaN


 86.9870, -61.2350,
43.9611


 86.9870, -61.2350,
43.9611


 85.9713, -65.9586,
47.0413


 88.3241, -55.0994,
39.8660


 85.2577, -69.3048,
49.1438


 89.9935, -47.5742,
34.7645


 84.8180, -71.3705,
50.3520

 91.9996, -38.7249,
28.6961

 84.6076, -72.3550,
50.8680

 94.3409, -28.6516,
21.7270

 84.6076, -72.3551,
50.8681

 97.0112, -17.4765,
13.9410

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.



86.9871, -30.8342, 52.5975



86.9870, -61.2350, 43.9611



86.9871, -75.1896, 19.8470

Triad

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



86.9871, -61.2346, 43.9604



86.9871, -21.5300, -123.7728



86.9871, 95.5732, 27.3210

Complementary

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



86.9870, -61.2350, 43.9611



60.7158, 75.6411, -53.6491

Split Complementary

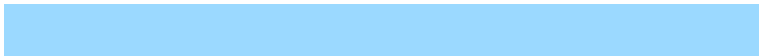
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.9871, 99.5073, -13.6943



86.9870, -61.2350, 43.9611



86.9871, 25.0611, -118.0064

Square

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



86.9871, -61.2346, 43.9604



86.9871, -55.6412, -84.2011



86.9871, 71.5690, -71.0627



86.9871, 61.7272, 46.9956

Rectangle

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



86.9870, -61.2350, 43.9611



86.9871, -75.7123, -8.5499



86.9871, 71.5690, -71.0627



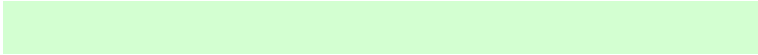
86.9871, 100.6627, 16.2072

Sweetspot

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



86.9871, -61.2346, 43.9604



94.8485, -26.5023, 20.2335



94.3161, -19.3130, 49.8762



43.5413, -13.7024, 10.3621

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



86.9871, -61.2346, 43.9604



85.8050, -66.7366, 47.5385



87.9089, -55.2052, 27.2671



44.9467, -7.8180, 6.2628



61.1712, -52.2511, 36.7786



19.1175, -16.1765, 11.4969

Inverse Universe

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



60.7158, 75.6411, -53.6491



56.3012, 88.4369, -63.3893



58.5792, 64.6866, -9.8751



42.7340, 3.4012, -1.7031



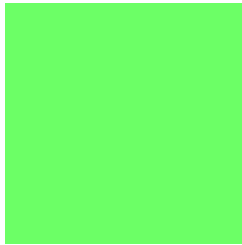
37.3265, 74.0295, -54.2262



11.6937, 23.1670, -16.7933

Previews

White Background



This preview shows how the HunterLab color 86.9870, -61.2350, 43.9611 looks on a white background.

Color Contrast Check

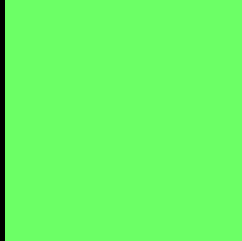
Large Text (above 18pt) WCAG AA × Fail

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 86.9870, -61.2350, 43.9611 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 86.9870, -61.2350, 43.9611 Background



This preview shows how black text looks on a background with the HunterLab color 86.9870, -61.2350, 43.9611.



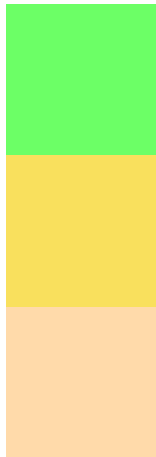
This preview shows how white text looks on a background with the HunterLab color 86.9870,

-61.2350, 43.9611.

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

86.9870, -61.2350, 43.9611

Protanopia

86.1634, -10.5391, 45.7830

Deuteranopia

86.2004, 1.4888, 26.9846



Tritanopia

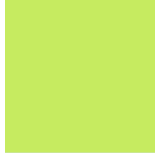
86.7973, -24.0989, -11.5631

Trichromacy



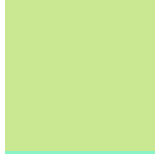
Original Color

86.9870, -61.2350, 43.9611



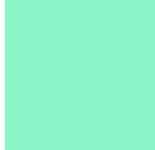
Protanomaly

85.0100, -33.0535, 44.0859



Deuteranomaly

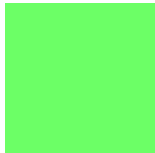
84.7070, -25.9234, 32.9921



Tritanomaly

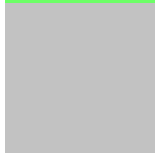
86.1558, -40.6741, 15.1928

Monochromacy



Original Color

86.9870, -61.2350, 43.9611



Achromatopsia

73.4493, -3.9191, 3.9906



Achromatomaly

77.1177, -28.2669, 21.1014

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.9870, -61.2350, 43.9611 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(108, 255, 102)` looks like.

```
.text, #text, p{  
    color:rgb(108, 255, 102)  
}
```

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(108, 255, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 255, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 86.9870, -61.2350, 43.9611 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(108, 255, 102) }
```


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

```
.border{ border-color:rgb(108, 255, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 255, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 255, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 255, 102);  
box-shadow:4px 4px 4px 4px rgb(108, 255,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.9870, -61.2350, 43.9611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 255, 102) }
```

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

```
.background{ background-color: rgb(108,  
255, 102) }
```

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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