

Converting Colors

HunterLab(99.7383, -74.0299,
54.8206)

Have a look what the booklet for
HunterLab(99.7383, -74.0299,
54.8206) contains.

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Color

**HunterLab(87.0166,
-61.4247, 46.4001)**

Conversions

Conversions Part 1

Format	Color
Hex	71FF57
RGB	113, 255, 87
RGB Percent	44%, 100%, 34%
CMY	0.5569, 0.0000, 0.6588
CMYK	0.56, 0.00, 0.66, 0.00
HSL	111°, 100%, 67%
HSV	111°, 66%, 100%
XYZ	44.2904, 75.7189, 21.2977
YIQ	193.3900, -30.7040, -82.3520

Conversions

Conversions Part 2

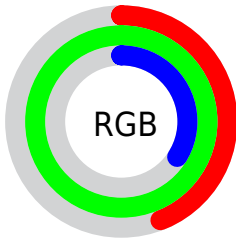
Format	Color
RYB	87, 255, 229
Decimal	7470935
CIELab	89.73, -68.09, 66.19
CIELCh	90, 94.959, 135.809
Yxy	75.7190, 0.3134, 0.5358
Android (android.graphics.Color)	4285661015 (0xFF71FF57)
YUV	193.3900, -52.4503, -70.5020
Hunter-Lab	87.0166, -61.4247, 46.4001

Details

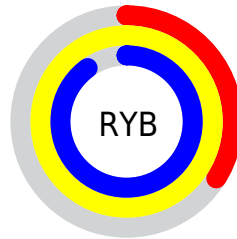
The HunterLab color **87.0166, -61.4247, 46.4001** is a light color, and the websafe version is hex **66FF66**. The color can be described as light muted chartreuse. A complement of this color would be **55.4041, 76.2890, -65.7679**, and the grayscale version is **73.4157, -3.9173, 3.9888**.

A 20% lighter version of the original color is **90.9578, -44.1328, 38.3361**, and **63.5309, -52.6562, 37.5635** is the 20% darker color. If you saturate the color by 10%, you get **86.0868, -65.6916, 48.8062**, and if you desaturate by 10%, it is **88.2129, -55.9630, 42.9740**.

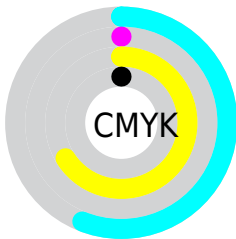
Distribution



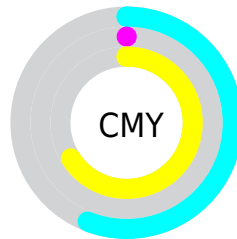
- Red (44%)
- Green (100%)
- Blue (34%)



- Red (34%)
- Yellow (100%)
- Blue (90%)



- Cyan (56%)
- Magenta (0%)
- Yellow (66%)
- Black (0%)



- Cyan (56%)
- Magenta (0%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.0166, -61.4247, 46.4001 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 87.0166, -61.4247, 46.4001 by changing the saturation by 10% instead.

87.0166, -61.4247,
46.4001

87.0166, -61.4247,
46.4001

219.1769,
-94.6676, 79.9268

74.9680, -57.1494,
42.0782

112.8404,
-69.4989, 54.5705

63.5334, -52.6729,
37.5681

126.5670,
-73.3459, 58.4608

52.7477, -47.9494,
32.8421

140.8091,
-77.0898, 62.2425

42.6526, -42.9170,
27.8758

155.5485,
-80.7443, 65.9291

33.2990, -37.4885,
23.0222

170.7692,
-84.3206, 69.5319

24.7512, -31.5378,
17.3258


186.4563,

17.0938, -25.5934,


-87.8281, 73.0604


11.9657


202.5963,
-91.2749, 76.5230


 10.4457, -18.2801,
7.3120


0.0000, NaN, NaN


 87.0166, -61.4247,
46.4001


 87.0166, -61.4247,
46.4001


 86.0868, -65.6916,
48.8062


 88.2129, -55.9630,
42.9740


 85.4081, -68.7988,
50.2647

 89.6850, -49.3148,
38.5029

 84.9586, -70.8294,
50.9005

 91.4372, -41.5208,
32.9939

 84.8294, -71.4072,
51.0214

 93.4699, -32.6490,
26.4832

■ 95.7796, -22.7867,
19.0287

■ 98.3598, -12.0331,
10.7030

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.



87.0166, -28.3889, 53.9410



87.0166, -61.4247, 46.4001



87.0166, -77.2602, 23.6269

Triad

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



87.0166, -61.4243, 46.3993



87.0166, -26.1359, -130.5914



87.0166, 103.1391, 25.4194

Complementary

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



87.0166, -61.4247, 46.4001



55.4041, 76.2890, -65.7679

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.



87.0166, 104.1123, -19.6508



87.0166, -61.4247, 46.4001



87.0166, 21.9480, -129.1418

Square

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



87.0166, -61.4243, 46.3993



87.0166, -60.0846, -84.6480



87.0166, 71.9014, -81.3661



87.0166, 69.4757, 47.0988

Rectangle

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



87.0166, -61.4247, 46.4001



87.0166, -78.7419, -4.6254



87.0166, 71.9014, -81.3661



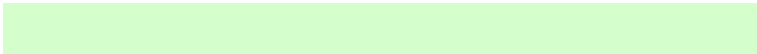
87.0166, 107.5115, 13.1616

Sweetspot

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



87.0166, -61.4243, 46.3993



94.7948, -26.9636, 22.2098



87.6852, -10.0755, 47.7571



43.5579, -13.7512, 11.2388

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.0166, -61.4243, 46.3993



85.8489, -66.7827, 49.3583



86.9079, -60.3838, 34.7656



45.0589, -7.4148, 6.3920



61.3520, -51.4786, 36.9036



19.2414, -15.6493, 11.5825

Inverse Universe

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



55.4041, 76.2890, -65.7679



50.6325, 87.7888, -78.0479



56.7459, 73.5699, -20.2021



42.6024, 2.9603, -1.8787



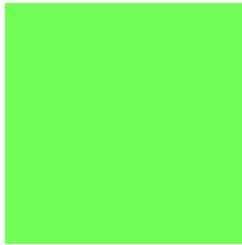
33.7907, 69.0318, -64.7091



10.7165, 21.7799, -19.6451

Previews

White Background



This preview shows how the HunterLab color 87.0166, -61.4247, 46.4001 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 87.0166, -61.4247, 46.4001 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

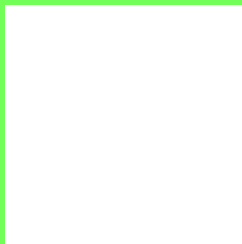
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.0166, -61.4247, 46.4001 Background



This preview shows how black text looks on a background with the HunterLab color 87.0166, -61.4247, 46.4001.



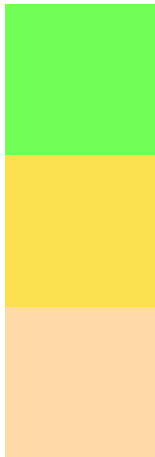
This preview shows how white text looks on a background with the HunterLab color 87.0166, -61.4247, 46.4001.

-61.4247, 46.4001.

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

87.0166, -61.4247, 46.4001

Protanopia

86.1309, -10.9333, 47.9205

Deuteranopia

86.1785, 1.3705, 27.3023



Tritanopia

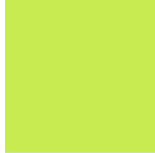
86.5774, -23.1903, -11.8467

Trichromacy



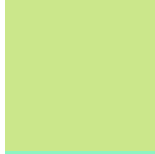
Original Color

87.0166, -61.4247, 46.4001



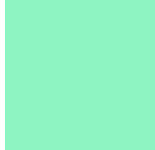
Protanomaly

85.0236, -33.2961, 46.3798



Deuteranomaly

84.6832, -26.2251, 34.6206



Tritanomaly

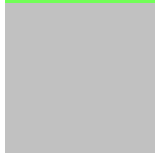
86.1737, -40.8692, 17.2681

Monochromacy



Original Color

87.0166, -61.4247, 46.4001



Achromatopsia

73.0258, -3.8965, 3.9676



Achromatomaly

77.0307, -28.9088, 23.4289

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.0166, -61.4247, 46.4001 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(113, 255, 87)` looks like.

```
.text, #text, p{  
    color:rgb(113, 255, 87)  
}
```

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(113, 255, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 255, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 87.0166, -61.4247, 46.4001 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(113, 255, 87) }
```


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

```
.border{ border-color:rgb(113, 255, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 255, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 255, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 255, 87);  
box-shadow:4px 4px 4px 4px rgb(113, 255,  
87) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.0166, -61.4247, 46.4001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 255, 87) }
```

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

```
.background{ background-color: rgb(113,  
255, 87) }
```

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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