

Converting Colors

HunterLab(87.0329, -61.5402,
47.8311)

Have a look what the booklet for
HunterLab(87.0329, -61.5402,
47.8311) contains.

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Color

**HunterLab(87.0453,
-61.4810, 47.7782)**

Conversions

Conversions Part 1

Format	Color
Hex	74FF4D
RGB	116, 255, 77
RGB Percent	45%, 100%, 30%
CMY	0.5451, 0.0000, 0.6980
CMYK	0.55, 0.00, 0.70, 0.00
HSL	107°, 100%, 65%
HSV	107°, 70%, 100%
XYZ	44.3020, 75.7688, 19.3110
YIQ	193.1470, -25.7060, -84.8260

Conversions

Conversions Part 2

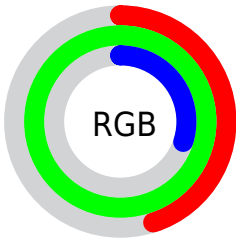
Format	Color
RYB	77, 255, 216
Decimal	7667533
CIELab	89.75, -68.15, 69.96
CIELCh	90, 97.670, 134.251
Yxy	75.7689, 0.3178, 0.5436
Android (android.graphics.Color)	4285857613 (0xFF74FF4D)
YUV	193.1470, -57.2605, -67.6579
Hunter-Lab	87.0453, -61.4810, 47.7782

Details

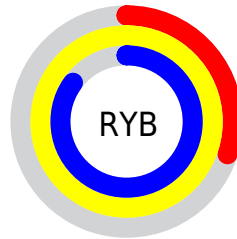
The HunterLab color **87.0453, -61.4810, 47.7782** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **52.0849, 76.8643, -74.2550**, and the grayscale version is **73.3310, -3.9128, 3.9842**.

A 20% lighter version of the original color is **91.0236, -44.1326, 40.3852**, and **63.5641, -52.6002, 38.2470** is the 20% darker color. If you saturate the color by 10%, you get **86.1713, -65.4523, 49.7571**, and if you desaturate by 10%, it is **88.1569, -56.4306, 44.7910**.

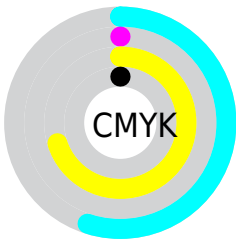
Distribution



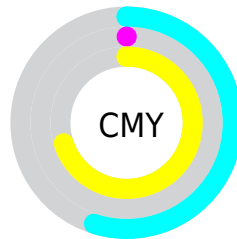
- Red (45%)
- Green (100%)
- Blue (30%)



- Red (30%)
- Yellow (100%)
- Blue (85%)



- Cyan (55%)
- Magenta (0%)
- Yellow (70%)
- Black (0%)



- Cyan (55%)
- Magenta (0%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.0453, -61.4810, 47.7782 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 87.0453, -61.4810, 47.7782 by changing the saturation by 10% instead.

87.0453, -61.4810,
47.7782

87.0453, -61.4810,
47.7782

219.2160,
-94.7495, 82.9556

74.9954, -57.2023,
43.2335

112.8717,
-69.5617, 56.3679

63.5593, -52.7222,
38.4924

126.5995,
-73.4117, 60.4549

52.7720, -47.9949,
33.5295

140.8428,
-77.1586, 64.4257

42.6752, -42.9584,
28.3263

155.5834,
-80.8159, 68.2939

33.3199, -37.5257,
23.3239

170.8052,
-84.3949, 72.0716

24.7701, -31.5705,
17.3391

186.4933,

17.1105, -25.6182,

-87.9050, 75.7688

11.9773

202.6344,
-91.3543, 79.3942

■ 10.4599, -18.3049,
7.3219

0.0000, NaN, NaN

■ 87.0453, -61.4810,
47.7782

■ 87.0453, -61.4810,
47.7782

■ 86.1713, -65.4523,
49.7571

■ 88.1569, -56.4306,
44.7910

■ 85.5209, -68.3839,
50.8226

■ 89.5150, -50.2999,
40.7503

■ 85.0702, -70.3804,
51.1776

■ 91.1244, -43.1160,
35.6441

■ 85.0628, -70.4130,
51.1826

■ 92.9862, -34.9308,
29.4910

■ 95.0985, -25.8136,
22.3324

■ 97.4565, -15.8459,
14.2275

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.



87.0454, -26.8069, 54.6856



87.0453, -61.4810, 47.7782



87.0454, -78.4686, 25.8580

Triad

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



87.0454, -61.4807, 47.7775



87.0454, -28.9462, -134.6866



87.0454, 107.7902, 24.1656

Complementary

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



87.0453, -61.4810, 47.7782



52.0849, 76.8643, -74.2550

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.



87.0454, 106.8543, -23.5093



87.0453, -61.4810, 47.7782



87.0454, 19.9738, -136.0938

Square

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



87.0454, -61.4807, 47.7775



87.0454, -62.7444, -84.7655



87.0454, 71.9910, -87.9396



87.0454, 74.3185, 47.1330

Rectangle

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



87.0453, -61.4810, 47.7782



87.0454, -80.5300, -2.2248



87.0454, 71.9910, -87.9396



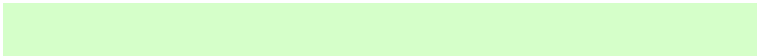
87.0454, 111.6893, 11.1695

Sweetspot

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



87.0454, -61.4807, 47.7775



94.8323, -26.9528, 23.2415



83.4387, -3.7720, 46.3586



43.5962, -13.6620, 11.6974

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.0454, -61.4807, 47.7775



85.8720, -66.8061, 50.3086



86.3512, -63.2837, 38.9009



45.1220, -7.1885, 6.4646



61.5312, -50.7159, 37.0273



19.3177, -15.3265, 11.6352

Inverse Universe

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



52.0849, 76.8643, -74.2550



47.1303, 87.4583, -88.4441



55.7672, 79.1633, -27.3763



42.5298, 2.7165, -1.9759



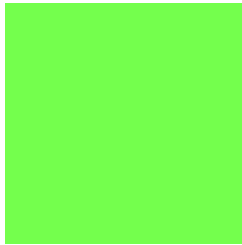
31.9301, 66.4961, -70.9544



10.1978, 21.0660, -21.3317

Previews

White Background



This preview shows how the HunterLab color 87.0453, -61.4810, 47.7782 looks on a white background.

Color Contrast Check

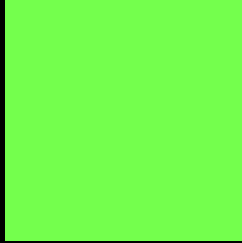
Large Text (above 18pt) WCAG AA × Fail

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 87.0453, -61.4810, 47.7782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

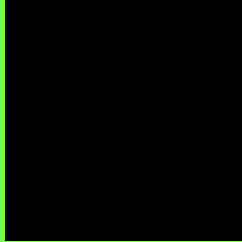
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

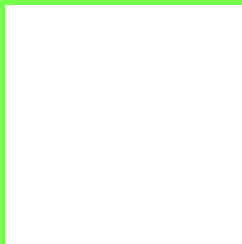
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.0453, -61.4810, 47.7782 Background



This preview shows how black text looks on a background with the HunterLab color 87.0453, -61.4810, 47.7782.



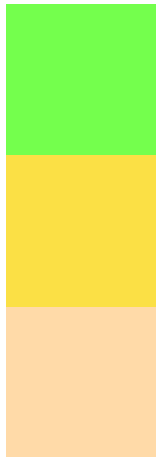
This preview shows how white text looks on a background with the HunterLab color 87.0453,

-61.4810, 47.7782.

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

87.0453, -61.4810, 47.7782

Protanopia

86.1686, -10.9394, 49.0312

Deuteranopia

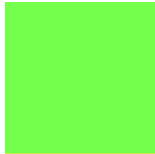
86.1568, 1.2531, 27.6178



Tritanopia

86.6357, -22.9750, -11.7634

Trichromacy



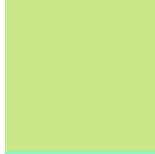
Original Color

87.0453, -61.4810, 47.7782



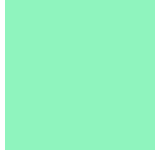
Protanomaly

85.1123, -33.1059, 47.5954



Deuteranomaly

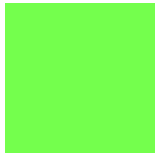
84.6986, -26.3032, 35.6849



Tritanomaly

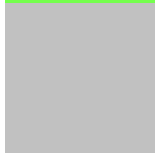
86.1735, -41.0760, 18.8631

Monochromacy



Original Color

87.0453, -61.4810, 47.7782



Achromatopsia

73.0258, -3.8965, 3.9676



Achromatomaly

77.0360, -29.0169, 24.4276

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.0453, -61.4810, 47.7782 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(116, 255, 77)` looks like.

```
.text, #text, p{  
    color:rgb(116, 255, 77)  
}
```

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(116, 255, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 255, 77) }
```

Border

The CSS property to change the border of an element to HunterLab 87.0453, -61.4810, 47.7782 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(116, 255, 77) }
```


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

```
.border{ border-color:rgb(116, 255, 77) }
```

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

Here you see how a box with a 4 pixel rgb(116, 255, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 255, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 255, 77);  
box-shadow:4px 4px 4px 4px rgb(116, 255,  
77) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.0453, -61.4810, 47.7782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 255, 77) }
```

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

```
.background{ background-color: rgb(116,  
255, 77) }
```

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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