

Converting Colors

HunterLab(84.8608, -61.6715,
48.6099)

Have a look what the booklet for
HunterLab(84.8608, -61.6715,
48.6099) contains.

HunterLab(84.7986, -61.6591, 48.5571)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(84.7986,
-61.6591, 48.5571)**

Conversions

Conversions Part 1

Format	Color
Hex	6DFA38
RGB	109, 250, 56
RGB Percent	43%, 98%, 22%
CMY	0.5725, 0.0196, 0.7804
CMYK	0.56, 0.00, 0.78, 0.02
HSL	104°, 95%, 60%
HSV	104°, 78%, 98%
XYZ	41.2062, 71.9080, 15.4493
YIQ	185.7250, -21.7620, -90.2260

Conversions

Conversions Part 2

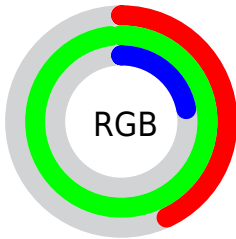
Format	Color
RYB	56, 250, 197
Decimal	7207480
CIELab	87.93, -69.53, 74.86
CIELCh	88, 102.170, 132.883
Yxy	71.9111, 0.3205, 0.5593
Android (android.graphics.Color)	4285397560 (0xFF6DFA38)
YUV	185.7250, -63.9544, -67.2878
Hunter-Lab	84.7986, -61.6591, 48.5571

Details

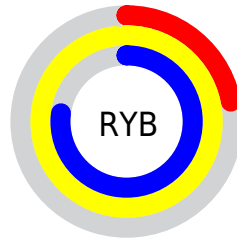
The HunterLab color **84.7986, -61.6591, 48.5571** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **46.4799, 78.8045, -85.3537**, and the grayscale version is **70.2259, -3.7471, 3.8155**.

A 20% lighter version of the original color is **90.3817, -47.1667, 43.8269**, and **61.5678, -51.9317, 37.0286** is the 20% darker color. If you saturate the color by 10%, you get **84.0766, -64.9033, 49.7568**, and if you desaturate by 10%, it is **85.7285, -57.4716, 46.4342**.

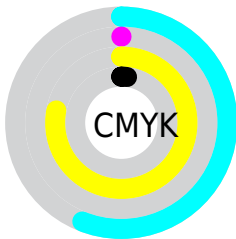
Distribution



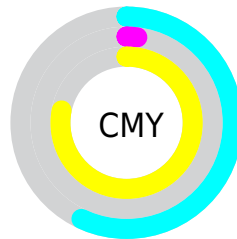
- Red (43%)
- Green (98%)
- Blue (22%)



- Red (22%)
- Yellow (98%)
- Blue (77%)



- Cyan (56%)
- Magenta (0%)
- Yellow (78%)
- Black (2%)



- Cyan (57%)
- Magenta (2%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.7986, -61.6591, 48.5571 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 84.7986, -61.6591, 48.5571 by changing the saturation by 10% instead.

■ 84.7986, -61.6591,
48.5571

■ 84.7986, -61.6591,
48.5571

216.1555,
-95.6553, 86.0783

■ 72.8602, -57.2669,
43.6895

■ 110.4220,
-69.9427, 57.7531

■ 61.5398, -52.6586,
38.6118

■ 124.0536,
-73.8820, 62.1219

■ 50.8753, -47.7863,
33.3051

■ 138.2041,
-77.7122, 66.3616

■ 40.9098, -42.5830,
27.8499

■ 152.8551,
-81.4477, 70.4871

■ 31.6962, -36.9539,
22.1874

■ 167.9902,
-85.1005, 74.5112

■ 23.3019, -30.7616,
16.3114

183.5942,

■ 15.8164, -25.5466,

-88.6807, 78.4449

11.0715

199.6535,
-92.1965, 82.2978

■ 9.3671, -16.3925,
6.5570

0.0000, NaN, NaN

■ 84.7986, -61.6591,
48.5571

■ 84.7986, -61.6591,
48.5571

■ 84.0766, -64.9033,
49.7568

■ 85.7285, -57.4716,
46.4342


■ 83.5407, -67.2634,
50.1774


■ 86.8712, -52.3134,
43.3055


■ 83.4348, -67.7276,
50.2264


■ 88.2350, -46.1918,
39.1301


■ 89.8230, -39.1361,
33.8992

 91.6355, -31.1943,
27.6301

 93.6701, -22.4279,
20.3612

 95.9227, -12.9074,
12.1462

 98.3541, -2.8896,
3.5231

 98.4146, -2.6808,
3.5991

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.8004, -25.3815, 54.5636



84.7986, -61.6591, 48.5571



84.8004, -79.5939, 27.8109

Triad

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



84.8004, -61.6605, 48.5575



84.8004, -31.6013, -142.5127



84.8004, 114.3530, 22.9538

Complementary

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



84.7986, -61.6591, 48.5571



46.4799, 78.8045, -85.3537

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.



84.8004, 111.5511, -27.8298



84.7986, -61.6591, 48.5571



84.8004, 18.5554, -146.8162

Square

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



84.8004, -61.6605, 48.5575



84.8004, -65.2786, -87.0368



84.8004, 73.3974, -96.6640



84.8004, 80.3302, 46.8133

Rectangle

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



84.7986, -61.6591, 48.5571



84.8004, -82.1518, -0.2312



84.8004, 73.3974, -96.6640



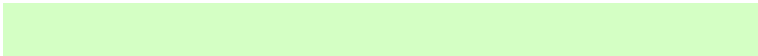
84.8004, 117.8852, 9.1928

Sweetspot

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



84.8004, -61.6605, 48.5575



94.6434, -27.9043, 24.9829



77.2388, 2.7165, 44.7689



43.4466, -14.3798, 12.7648

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.8004, -61.6605, 48.5575



85.6653, -67.8113, 51.2077



83.7245, -65.4487, 42.2546



44.2024, -6.8375, 6.3775



60.8147, -49.1142, 36.6139



18.6426, -14.3789, 11.2357

Inverse Universe

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



46.4799, 78.8045, -85.3537



43.1548, 88.0864, -101.8467



52.6373, 84.9782, -33.2741



41.5599, 2.4483, -2.0035



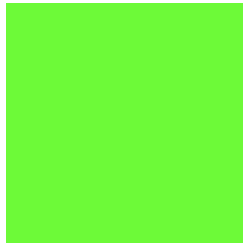
29.9877, 63.5632, -75.2596



9.4091, 19.7170, -21.8550

Previews

White Background



This preview shows how the HunterLab color 84.7986, -61.6591, 48.5571 looks on a white background.

Color Contrast Check

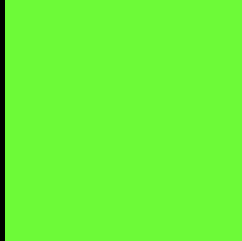
Large Text (above 18pt) WCAG AA × Fail

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 84.7986, -61.6591, 48.5571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

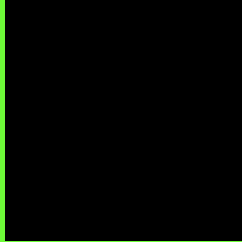
Any Text WCAG AA ✓ Pass

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 84.7986, -61.6591, 48.5571 Background



This preview shows how black text looks on a background with the HunterLab color 84.7986, -61.6591, 48.5571.



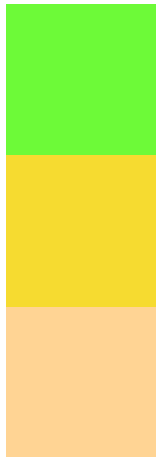
This preview shows how white text looks on a background with the HunterLab color 84.7986, -61.6591, 48.5571.

-61.6591, 48.5571.

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

84.7986, -61.6591, 48.5571

Protanopia

83.9460, -11.0921, 49.5579

Deuteranopia

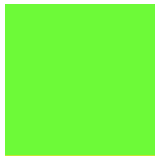
83.9554, 2.1809, 31.9853



Tritanopia

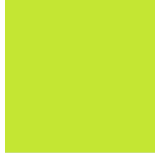
84.5086, -24.1913, -12.9625

Trichromacy



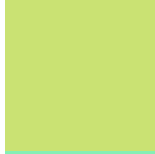
Original Color

84.7986, -61.6591, 48.5571



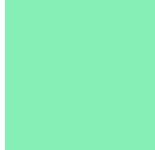
Protanomaly

82.8060, -33.5517, 48.1948



Deuteranomaly

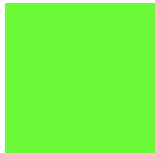
82.5755, -26.3767, 38.7750



Tritanomaly

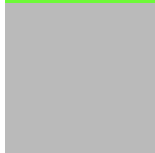
83.6993, -42.2309, 19.8687

Monochromacy



Original Color

84.7986, -61.6591, 48.5571



Achromatopsia

70.0729, -3.7389, 3.8072



Achromatomaly

73.9825, -29.1933, 25.5014

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.7986, -61.6591, 48.5571 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(109, 250, 56)` looks like.

```
.text, #text, p{  
    color:rgb(109, 250, 56)  
}
```

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(109, 250, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 250, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 84.7986, -61.6591, 48.5571 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(109, 250, 56) }
```


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

```
.border{ border-color:rgb(109, 250, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 250, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 250, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 250, 56);  
box-shadow:4px 4px 4px 4px rgb(109, 250,  
56) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.7986, -61.6591, 48.5571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 250, 56) }
```

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

```
.background{ background-color: rgb(109,  
250, 56) }
```

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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