

Converting Colors

HunterLab(87.4717, -59.7324,
48.1570)

Have a look what the booklet for
HunterLab(87.4717, -59.7324,
48.1570) contains.

HunterLab(87.4594, -59.7750, 48.0858)	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(87.4594,
-59.7750, 48.0858)**

Conversions

Conversions Part 1

Format	Color
Hex	7EFF4D
RGB	126, 255, 77
RGB Percent	49%, 100%, 30%
CMY	0.5059, 0.0000, 0.6980
CMYK	0.51, 0.00, 0.70, 0.00
HSL	103°, 100%, 65%
HSV	103°, 70%, 100%
XYZ	45.7038, 76.4915, 19.3767
YIQ	196.1370, -19.7460, -82.7060

Conversions

Conversions Part 2

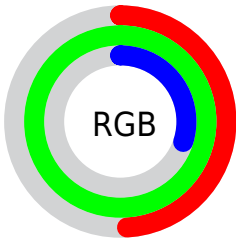
Format	Color
RYB	77, 255, 206
Decimal	8322893
CIELab	90.09, -65.55, 70.41
CIELCh	90, 96.202, 132.954
Yxy	76.4915, 0.3228, 0.5403
Android (android.graphics.Color)	4286512973 (0xFF7EFF4D)
YUV	196.1370, -58.7345, -61.5101
Hunter-Lab	87.4594, -59.7750, 48.0858

Details

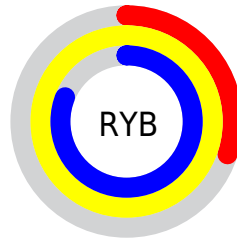
The HunterLab color **87.4594, -59.7750, 48.0858** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **50.6473, 74.0518, -78.2471**, and the grayscale version is **74.6035, -3.9807, 4.0534**.

A 20% lighter version of the original color is **91.6300, -41.7704, 40.8991**, and **63.9000, -51.1763, 38.4789** is the 20% darker color. If you saturate the color by 10%, you get **86.5572, -63.8417, 50.0328**, and if you desaturate by 10%, it is **88.5788, -54.7202, 45.1215**.

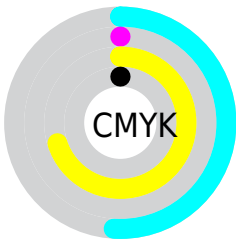
Distribution



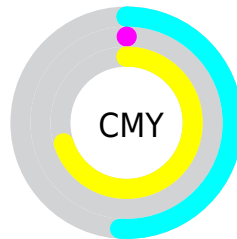
- Red (49%)
- Green (100%)
- Blue (30%)



- Red (30%)
- Yellow (100%)
- Blue (81%)



- Cyan (51%)
- Magenta (0%)
- Yellow (70%)
- Black (0%)





- Cyan (51%)
- Magenta (0%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.4594, -59.7750, 48.0858 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 87.4594, -59.7750, 48.0858 by changing the saturation by 10% instead.


 87.4594, -59.7750,
48.0858

 87.4594, -59.7750,
48.0858


219.7791,
-91.9422, 83.4301


 75.3894, -55.6537,
43.5207


 113.3232,
-67.5689, 56.7154

 63.9322, -51.3426,
38.7592


 127.0686,
-71.2869, 60.8219


 53.1226, -46.7983,
33.7760


 141.3288,
-74.9080, 64.8116

 43.0019, -41.9622,
28.5532

 156.0858,
-78.4451, 68.6984

 33.6207, -36.7515,
23.5345

 171.3234,
-81.9088, 72.4942

 25.0427, -31.0455,
17.5299

187.0270,

 17.3516, -25.0842,

-85.3080, 76.2091

12.1461

203.1830,
-88.6504, 79.8518

■ 10.6648, -18.6633,
7.4653

■ 0.9818, -1.7181,
0.6872

■ 87.4594, -59.7750,
48.0858

■ 87.4594, -59.7750,
48.0858

■ 86.5572, -63.8417,
50.0328

■ 88.5788, -54.7202,
45.1215

■ 85.8605, -66.9524,
51.0596

■ 89.9229, -48.6780,
41.0912

■ 85.3487, -69.1983,
51.3699

■ 91.4954, -41.6732,
35.9779

■ 85.3400, -69.2365,
51.3740

■ 93.2973, -33.7507,
29.7937

■ 95.3268, -24.9707,
22.5734

■ 97.5800, -15.4034,
14.3686

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.



87.4594, -24.6898, 54.6830



87.4594, -59.7750, 48.0858



87.4594, -77.4061, 27.0567

Triad

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



87.4594, -59.7747, 48.0850



87.4594, -30.4664, -130.4215



87.4594, 106.5878, 22.4688

Complementary

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



87.4594, -59.7750, 48.0858



50.6473, 74.0518, -78.2471

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.



87.4594, 104.0822, -25.5885



87.4594, -59.7750, 48.0858



87.4594, 17.3273, -134.1648

Square

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



87.4594, -59.7747, 48.0850



87.4594, -63.2024, -80.2991



87.4594, 68.7283, -88.7640



87.4594, 74.9685, 46.3086

Rectangle

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



87.4594, -59.7750, 48.0858



87.4594, -79.9239, 0.0447



87.4594, 68.7283, -88.7640



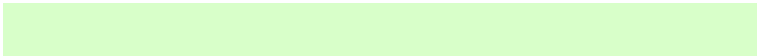
87.4594, 109.8817, 9.2278

Sweetspot

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



87.4594, -59.7747, 48.0850



95.0716, -26.0661, 23.4920



80.7790, 0.7404, 44.6343



43.7182, -13.2066, 11.8222

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.4594, -59.7747, 48.0850



86.2405, -65.2612, 50.5688



86.2259, -64.0556, 40.7388



45.1775, -6.9898, 6.5283



61.7397, -49.8314, 37.1714



19.3983, -14.9875, 11.6908

Inverse Universe

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



50.6473, 74.0518, -78.2471



45.3137, 84.6177, -94.3846



56.1686, 80.7667, -32.8628



42.4668, 2.5045, -2.0603



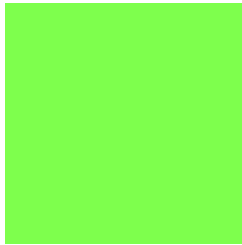
30.3774, 64.4410, -76.6388



9.7616, 20.4799, -22.8613

Previews

White Background



This preview shows how the HunterLab color 87.4594, -59.7750, 48.0858 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 87.4594, -59.7750, 48.0858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

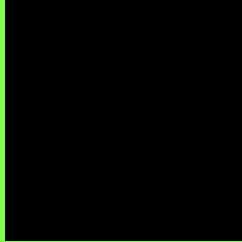
Any Text WCAG AA ✓ Pass

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 87.4594, -59.7750, 48.0858 Background



This preview shows how black text looks on a background with the HunterLab color 87.4594, -59.7750, 48.0858.



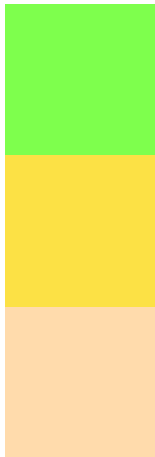
This preview shows how white text looks on a background with the HunterLab color 87.4594,

-59.7750, 48.0858.

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

87.4594, -59.7750, 48.0858

Protanopia

86.5884, -11.0519, 49.3067

Deuteranopia

86.5457, 1.2065, 26.6120



Tritanopia

87.0561, -21.4276, -11.1646

Trichromacy



Original Color

87.4594, -59.7750, 48.0858



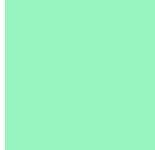
Protanomaly

85.7791, -32.2941, 48.0537



Deuteranomaly

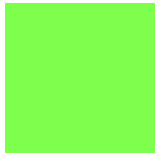
85.3986, -25.3225, 35.7476



Tritanomaly

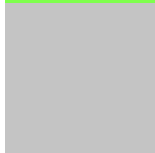
86.6016, -39.4102, 19.3217

Monochromacy



Original Color

87.4594, -59.7750, 48.0858



Achromatopsia

74.2975, -3.9643, 4.0367



Achromatomaly

77.8354, -27.6077, 24.5221

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.4594, -59.7750, 48.0858 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(126, 255, 77)` looks like.

```
.text, #text, p{  
    color:rgb(126, 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(126, 255, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 255, 77) }
```

Border

The CSS property to change the border of an element to HunterLab 87.4594, -59.7750, 48.0858 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(126, 255, 77) }
```


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

```
.border{ border-color:rgb(126, 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(126, 255, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 255, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 255, 77);  
box-shadow:4px 4px 4px 4px rgb(126, 255,  
77) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.4594, -59.7750, 48.0858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 255, 77) }
```

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

```
.background{ background-color: rgb(126,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor