

Converting Colors

HunterLab(87.5726, -57.8066,
50.9373)

Have a look what the booklet for
HunterLab(87.5726, -57.8066,
50.9373) contains.

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Color

**HunterLab(87.5725,
-57.7920, 50.9070)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 8CFE32 |
| RGB | 140, 254, 50 |
| RGB Percent | 55%, 100%, 20% |
| CMY | 0.4510, 0.0039, 0.8039 |
| CMYK | 0.45, 0.00, 0.80, 0.00 |
| HSL | 94°, 99%, 60% |
| HSV | 94°, 80%, 100% |
| XYZ | 46.8328, 76.6894, 15.3518 |
| YIQ | 196.6580, -2.4600, -87.6120 |

Conversions

Conversions Part 2

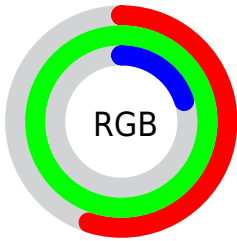
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 50, 254, 164 |
| Decimal | 9240114 |
| CIELab | 90.18, -62.75, 78.97 |
| CIElCh | 90, 100.865, 128.470 |
| Yxy | 76.6927, 0.3372, 0.5522 |
| Android (android.graphics.Color) | 4287430194 (0xFF8CFE32) |
| YUV | 196.6580, -72.3024, -49.6891 |
| Hunter-Lab | 87.5725, -57.7920, 50.9070 |

Details

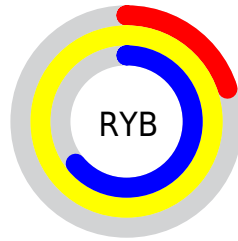
The HunterLab color **87.5725, -57.7920, 50.9070** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **41.6320, 74.3969, -106.5866**, and the grayscale version is **74.8769, -3.9952, 4.0682**.

A 20% lighter version of the original color is **92.2781, -39.8444, 45.9352**, and **64.0440, -48.7519, 38.6101** is the 20% darker color. If you saturate the color by 10%, you get **86.8195, -61.0796, 51.8154**, and if you desaturate by 10%, it is **88.4815, -53.7901, 49.0702**.

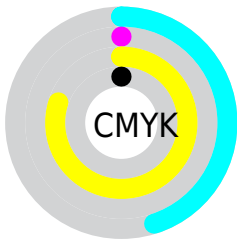
Distribution



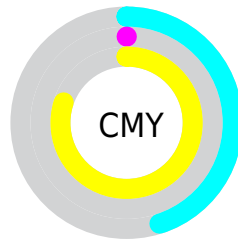
- Red (55%)
- Green (100%)
- Blue (20%)



- Red (20%)
- Yellow (100%)
- Blue (64%)



- Cyan (45%)
- Magenta (0%)
- Yellow (80%)
- Black (0%)





- Cyan (45%)
- Magenta (0%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.5725, -57.7920, 50.9070 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 87.5725, -57.7920, 50.9070 by changing the saturation by 10% instead.


 87.5725, -57.7920,
50.9070


 87.5725, -57.7920,
50.9070


219.9354,
-88.8032, 90.0080


 75.4988, -53.8363,
45.8454


 113.4485,
-65.2884, 60.4832


 64.0358, -49.7002,
40.5734


 127.1988,
-68.8680, 65.0364


 53.2200, -45.3446,
35.0756


 141.4637,
-72.3569, 69.4561

 43.0926, -40.7137,
29.4389

 156.2252,
-75.7674, 73.7572

 33.7043, -35.7288,
23.5930

 171.4672,
-79.1095, 77.9525

 25.1185, -30.2743,
17.5830

187.1750,

 17.4187, -24.4204,

-82.3916, 82.0531

12.1931

203.3352,
-85.6208, 86.0687

■ 10.7218, -18.7631,
7.5053

■ 1.4116, -2.4704,
0.9881

■ 87.5725, -57.7920,
50.9070

■ 87.5725, -57.7920,
50.9070

■ 86.8195, -61.0796,
51.8154

■ 88.4815, -53.7901,
49.0702

■ 86.2178, -63.6534,
52.0126

■ 89.5492, -49.0422,
46.2017

■ 90.7829, -43.5445,
42.2397

■ 92.1857, -37.3083,
37.1528

■ 93.7588, -30.3577,
30.9349

■ 95.5018, -22.7270,
23.6006

■ 97.4129, -14.4579,
15.1810

99.4891, -5.5971,
5.7200

99.6829, -4.8081,
5.0687

Harmonies

Analogous

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



87.5744, -18.6824, 55.9752



87.5725, -57.7920, 50.9070



87.5744, -78.6036, 32.5937

Triad

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



87.5744, -57.7937, 50.9074



87.5744, -37.8905, -134.3238



87.5744, 115.2034, 17.4446

Complementary

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



87.5725, -57.7920, 50.9070



41.6320, 74.3969, -106.5866

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.



87.5744, 106.7163, -36.9279



87.5725, -57.7920, 50.9070



87.5744, 10.2669, -147.1797

Square

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



87.5744, -57.7937, 50.9074



87.5744, -69.0802, -75.5702



87.5744, 65.1964, -104.4937



87.5744, 86.2667, 45.2516

Rectangle

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



87.5725, -57.7920, 50.9070



87.5744, -82.8309, 7.2249



87.5744, 65.1964, -104.4937



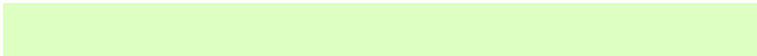
87.5744, 116.7440, 2.2355

Sweetspot

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



87.5744, -57.7937, 50.9074



95.2609, -25.7362, 26.5556



68.7138, 21.0874, 40.1056



43.7847, -13.1655, 13.4920

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.5744, -57.7937, 50.9074



86.8374, -62.9326, 52.2070



84.7902, -69.2685, 48.0250



45.3433, -6.3971, 6.7184



62.6678, -45.9382, 37.8114



19.7162, -13.6660, 11.9098

Inverse Universe

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



41.6320, 74.3969, -106.5866



36.9396, 81.2645, -127.6658



54.6568, 94.7994, -57.3363



42.2828, 1.8840, -2.3075



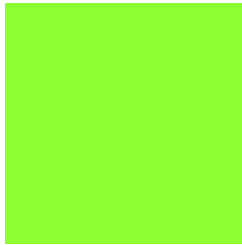
26.2509, 59.3264, -94.4380



8.5774, 18.9714, -27.6534

Previews

White Background



This preview shows how the HunterLab color 87.5725, -57.7920, 50.9070 looks on a white background.

Color Contrast Check

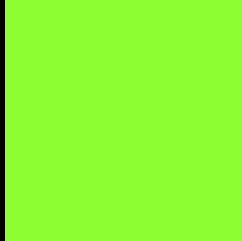
Large Text (above 18pt) WCAG AA × Fail

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 87.5725, -57.7920, 50.9070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

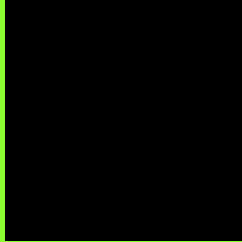
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

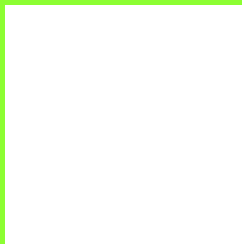
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.5725, -57.7920, 50.9070 Background



This preview shows how black text looks on a background with the HunterLab color 87.5725, -57.7920, 50.9070.



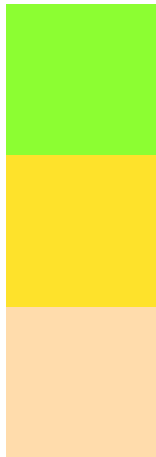
This preview shows how white text looks on a background with the HunterLab color 87.5725,

-57.7920, 50.9070.

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

87.5725, -57.7920, 50.9070

Protanopia

86.9701, -11.5950, 51.8295

Deuteranopia

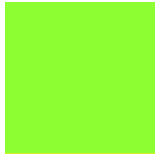
86.8475, 0.6856, 26.8818



Tritanopia

87.1674, -19.3168, -10.9768

Trichromacy



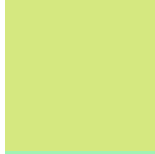
Original Color

87.5725, -57.7920, 50.9070



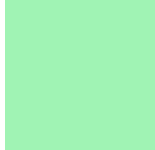
Protanomaly

86.2173, -30.9467, 50.8075



Deuteranomaly

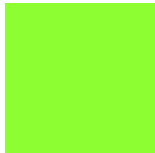
85.6842, -24.5505, 38.2372



Tritanomaly

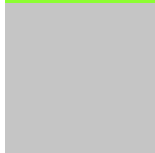
86.5275, -38.4035, 23.0579

Monochromacy



Original Color

87.5725, -57.7920, 50.9070



Achromatopsia

74.7222, -3.9870, 4.0598



Achromatomaly

78.3496, -27.7330, 27.8262

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.5725, -57.7920, 50.9070 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(140, 254, 50)` looks like.

```
.text, #text, p{  
    color:rgb(140, 254, 50)  
}
```

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(140, 254, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 254, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 87.5725, -57.7920, 50.9070 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(140, 254, 50) }
```


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

```
.border{ border-color:rgb(140, 254, 50) }
```

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

Here you see how a box with a 4 pixel rgb(140, 254, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 254, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 254, 50);  
box-shadow:4px 4px 4px 4px rgb(140, 254,  
50) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.5725, -57.7920, 50.9070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 254, 50) }
```

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

```
.background{ background-color: rgb(140,  
254, 50) }
```

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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