

Converting Colors

HunterLab(87.9188, -53.2254,
50.7809)

Have a look what the booklet for
HunterLab(87.9188, -53.2254,
50.7809) contains.

HunterLab(87.7865, -53.1699, 50.7217)	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(87.7865,
-53.1699, 50.7217)**

Conversions

Conversions Part 1

Format	Color
Hex	9DFC37
RGB	157, 252, 55
RGB Percent	62%, 99%, 22%
CMY	0.3843, 0.0117, 0.7843
CMYK	0.38, 0.00, 0.78, 0.01
HSL	89°, 97%, 60%
HSV	89°, 78%, 99%
XYZ	49.4046, 77.0647, 15.8854
YIQ	201.1370, 6.6170, -81.4070

Conversions

Conversions Part 2

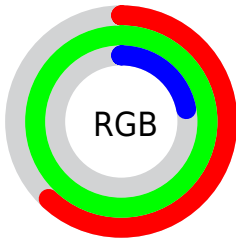
Format	Color
RYB	55, 252, 150
Decimal	10353719
CIELab	90.35, -56.39, 78.08
CIElCh	90, 96.313, 125.841
Yxy	77.0680, 0.3470, 0.5414
Android (android.graphics.Color)	4288543799 (0xFF9DFC37)
YUV	201.1370, -72.0455, -38.7081
Hunter-Lab	87.7865, -53.1699, 50.7217

Details

The HunterLab color **87.7865, -53.1699, 50.7217** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **40.3077, 69.0382, -109.4266**, and the grayscale version is **76.7808, -4.0968, 4.1716**.

A 20% lighter version of the original color is **93.5714, -34.8203, 46.3849**, and **64.4337, -45.3329, 38.9101** is the 20% darker color. If you saturate the color by 10%, you get **87.0187, -56.5004, 51.8032**, and if you desaturate by 10%, it is **88.6895, -49.2154, 48.6878**.

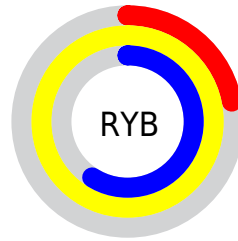
Distribution



Red (62%)

Green (99%)

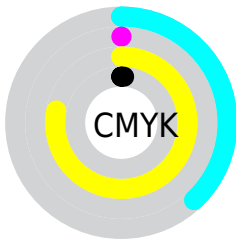
Blue (22%)



Red (22%)

Yellow (99%)

Blue (59%)

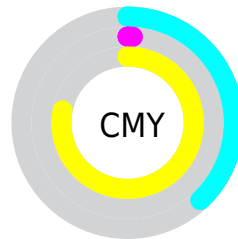


Cyan (38%)

Magenta (0%)

Yellow (78%)

Black (1%)



Cyan (38%)

Magenta (1%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.7865, -53.1699, 50.7217 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 87.7865, -53.1699, 50.7217 by changing the saturation by 10% instead.

■ 87.7865, -53.1699,
50.7217

■ 87.7865, -53.1699,
50.7217

220.2262,
-81.5845, 89.4108

■ 75.7025, -49.5803,
45.7152

■ 113.6818,
-59.9957, 60.1935

■ 64.2286, -45.8355,
40.4996

■ 127.4412,
-63.2651, 64.6975

■ 53.4013, -41.9016,
35.0582

■ 141.7148,
-66.4578, 69.0700

■ 43.2617, -37.7296,
29.4458

■ 156.4848,
-69.5844, 73.3257

■ 33.8601, -33.2499,
23.7020

■ 171.7349,
-72.6536, 77.4773

■ 25.2597, -28.3588,
17.6818

187.4507,

■ 17.5437, -22.9188,

-75.6728, 81.5358

12.2806

203.6186,
-78.6480, 85.5108

■ 10.8282, -18.9494,
7.5797

■ 1.9766, -3.4591,
1.3836

■ 87.7865, -53.1699,
50.7217

■ 87.7865, -53.1699,
50.7217

■ 87.0187, -56.5004,
51.8032

■ 88.6895, -49.2154,
48.6878

■ 86.3688, -59.2556,
52.0919

■ 89.7292, -44.6077,
45.6058

■ 86.2596, -59.7166,
52.1073

■ 90.9122, -39.3422,
41.4173

■ 92.2413, -33.4258,
36.0907

■ 93.7178, -26.8759,
29.6175

■ 95.3417, -19.7184,
22.0076

■ 97.1119, -11.9855,
13.2865

■ 98.9736, -4.0016,
4.2424

■ 99.0475, -3.7457,
4.3347

Harmonies

Analogous

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



87.7884, -14.0390, 55.2824



87.7865, -53.1699, 50.7217



87.7884, -74.9725, 34.0340

Triad

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



87.7884, -53.1718, 50.7221



87.7884, -39.9014, -121.9882



87.7884, 109.5795, 13.3889

Complementary

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



87.7865, -53.1699, 50.7217



40.3077, 69.0382, -109.4266

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.



87.7884, 98.4338, -40.1910



87.7865, -53.1699, 50.7217



87.7884, 5.0697, -138.5652

Square

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



87.7884, -53.1718, 50.7221



87.7884, -68.5646, -65.2408



87.7884, 57.3182, -102.8135



87.7884, 85.1094, 42.6350

Rectangle

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



87.7865, -53.1699, 50.7217



87.7884, -80.0691, 11.0123



87.7884, 57.3182, -102.8135



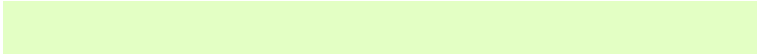
87.7884, 109.9305, -1.9487

Sweetspot

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



87.7884, -53.1718, 50.7221



95.8155, -23.5730, 26.1827



64.6693, 28.3191, 37.0299



44.0575, -12.1027, 13.3718

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.7884, -53.1718, 50.7221



87.7945, -58.9711, 52.7534



84.2083, -67.9550, 48.1535



44.4423, -5.9814, 6.6522



62.3266, -42.8073, 37.6559



19.1336, -12.3498, 11.5738

Inverse Universe

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



40.3077, 69.0382, -109.4266



35.1959, 78.2301, -136.3166



54.0863, 92.6319, -66.0115



41.2961, 1.5576, -2.3582



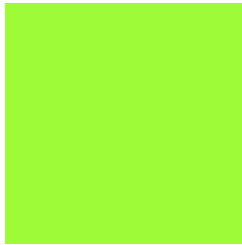
24.2600, 56.6366, -101.3042



7.7965, 17.7008, -28.6749

Previews

White Background



This preview shows how the HunterLab color 87.7865, -53.1699, 50.7217 looks on a white background.

Color Contrast Check

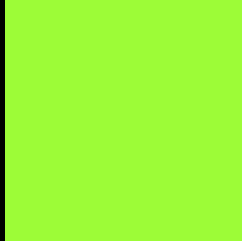
Large Text (above 18pt) WCAG AA × Fail

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 87.7865, -53.1699, 50.7217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

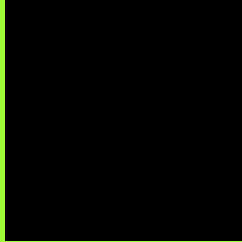
Any Text WCAG AA ✓ Pass

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 87.7865, -53.1699, 50.7217 Background



This preview shows how black text looks on a background with the HunterLab color 87.7865, -53.1699, 50.7217.



This preview shows how white text looks on a background with the HunterLab color 87.7865, -53.1699, 50.7217.

-53.1699, 50.7217.

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

87.7865, -53.1699, 50.7217

Protanopia

87.3054, -11.9651, 51.6887

Deuteranopia

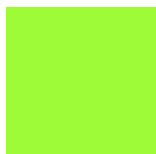
87.1945, 0.4059, 26.5068



Tritanopia

87.6144, -16.0801, -9.7468

Trichromacy



Original Color

87.7865, -53.1699, 50.7217



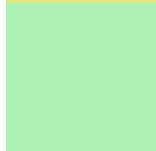
Protanomaly

86.7698, -28.8154, 50.8226



Deuteranomaly

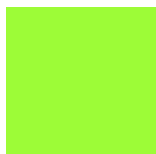
86.2624, -22.3195, 38.0051



Tritanomaly

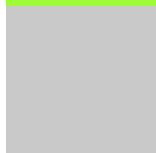
86.7679, -33.8537, 22.6324

Monochromacy



Original Color

87.7865, -53.1699, 50.7217



Achromatopsia

76.4250, -4.0778, 4.1523



Achromatomaly

79.7739, -25.6088, 27.8851

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.7865, -53.1699, 50.7217 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(157, 252, 55)` looks like.

```
.text, #text, p{  
    color:rgb(157, 252, 55)  
}
```

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(157, 252, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 252, 55) }
```

Border

The CSS property to change the border of an element to HunterLab 87.7865, -53.1699, 50.7217 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(157, 252, 55) }
```


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

```
.border{ border-color:rgb(157, 252, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 252, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 252, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 252, 55);  
box-shadow:4px 4px 4px 4px rgb(157, 252,  
55) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.7865, -53.1699, 50.7217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 252, 55) }
```

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

```
.background{ background-color: rgb(157,  
252, 55) }
```

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