

Converting Colors

HunterLab(81.9097, -50.0415,
49.5963)

Have a look what the booklet for
HunterLab(81.9097, -50.0415,
49.5963) contains.

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Color

**HunterLab(81.8278,
-50.0992, 49.5449)**

Conversions

Conversions Part 1

Format	Color
Hex	95ED00
RGB	149, 237, 0
RGB Percent	58%, 93%, 0%
CMY	0.4157, 0.0706, 0.9999
CMYK	0.37, 0.00, 1.00, 0.07
HSL	82°, 100%, 46%
HSV	82°, 100%, 93%
XYZ	42.6786, 66.9579, 10.6747
YIQ	183.6700, 23.6290, -92.3630

Conversions

Conversions Part 2

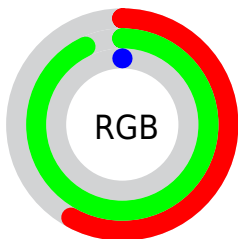
Format	Color
RYB	0, 237, 88
Decimal	9825536
CIELab	85.48, -54.55, 82.75
CIELCh	85, 99.110, 123.394
Yxy	66.9608, 0.3547, 0.5565
Android (android.graphics.Color)	4288015616 (0xFF95ED00)
YUV	183.6700, -90.5493, -30.4056
Hunter-Lab	81.8278, -50.0992, 49.5449

Details

The HunterLab color **81.8278, -50.0992, 49.5449** is a dark color, and the websafe version is hex **99FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **28.6214, 70.3726, -147.1118**, and the grayscale version is **69.4579, -3.7061, 3.7738**.

A 20% lighter version of the original color is **92.6356, -38.9831, 50.2082**, and **58.9213, -41.4756, 35.5809** is the 20% darker color. If you saturate the color by 10%, you get **81.8289, -50.1039, 49.5454**, and if you desaturate by 10%, it is **82.3924, -47.7592, 49.3223**.

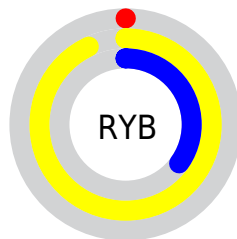
Distribution



Red (58%)

Green (93%)

Blue (0%)



Red (0%)

Yellow (93%)

Blue (35%)

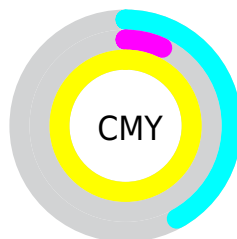


Cyan (37%)

Magenta (0%)

Yellow (100%)

Black (7%)



Cyan (42%)

Magenta (7%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 81.8278, -50.0992, 49.5449 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 81.8278, -50.0992, 49.5449 by changing the saturation by 10% instead.

81.8278, -50.0992,
49.5449

81.8278, -50.0992,
49.5449

212.0861,
-78.0597, 90.8468

70.0377, -46.5464,
44.1688

107.1747,
-56.8360, 59.7056

58.8739, -42.8302,
38.5729

120.6766,
-60.0563, 64.5277

48.3757, -38.9125,
32.7564

134.7022,
-63.1981, 69.2019

38.5885, -34.7375,
27.0119

149.2326,
-66.2726, 73.7441

29.5681, -30.2243,
20.6977

164.2509,
-69.2890, 78.1681

21.3863, -25.2490,
14.9704


179.7418,

14.1401, -20.9876,


-72.2549, 82.4863


9.8980


195.6911,
-75.1767, 86.7094


 7.7919, -13.6357,
5.4543


0.0000, NaN, NaN


 81.8278, -50.0992,
49.5449


 81.8278, -50.0992,
49.5449

 81.8289, -50.1039,
49.5454

 82.3924, -47.7592,
49.3223

 83.0375, -45.0138,
48.4263

 83.7787, -41.7923,
46.6579

 84.6228, -38.0654,
43.9203

■ 85.5748, -33.8183,
40.1483

■ 86.6379, -29.0465,
35.3012

■ 87.8143, -23.7547,
29.3584

■ 89.1051, -17.9543,
22.3162

■ 90.5105, -11.6627,
14.1851

Harmonies

Analogous

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



81.8296, -9.8822, 52.9455



81.8278, -50.0992, 49.5449



81.8296, -72.8056, 35.3210

Triad

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



81.8296, -50.1010, 49.5453



81.8296, -42.4897, -123.3183



81.8296, 112.7421, 9.5920

Complementary

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



81.8278, -50.0992, 49.5449



28.6214, 70.3726, -147.1118

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.



81.8296, 98.2490, -46.8102



81.8278, -50.0992, 49.5449



81.8296, 1.2908, -145.3754

Square

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



81.8296, -50.1010, 49.5453



81.8296, -69.1935, -61.9567



81.8296, 54.3135, -111.5254



81.8296, 90.2601, 40.0590

Rectangle

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



81.8278, -50.0992, 49.5449



81.8296, -78.5951, 14.1233



81.8296, 54.3135, -111.5254



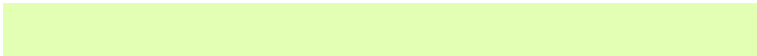
81.8296, 112.0494, -6.5609

Sweetspot

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



81.8296, -50.1010, 49.5453



95.4038, -25.8918, 31.9945



49.8087, 50.1937, 31.5696



43.8811, -13.1350, 16.1312

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



81.8296, -50.1010, 49.5453



88.8958, -54.5320, 53.8225



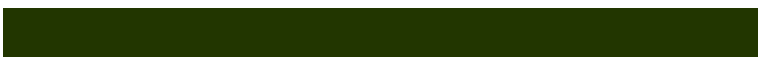
78.0208, -65.9106, 46.9215



41.6308, -5.2014, 6.3085



60.5252, -36.7631, 36.6517



17.1202, -9.6610, 10.3803

Inverse Universe

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



28.6214, 70.3726, -147.1118



31.0433, 76.4197, -160.2261



43.7638, 88.9146, -80.0270



38.4985, 1.0612, -2.3201



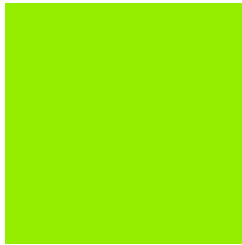
21.3071, 52.1559, -107.6784



6.4006, 15.0565, -27.6105

Previews

White Background



This preview shows how the HunterLab color 81.8278, -50.0992, 49.5449 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 81.8278, -50.0992, 49.5449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

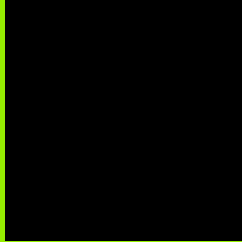
Any Text WCAG AA ✓ Pass

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 81.8278, -50.0992, 49.5449 Background



This preview shows how black text looks on a background with the HunterLab color 81.8278, -50.0992, 49.5449.



This preview shows how white text looks on a background with the HunterLab color 81.8278,

-50.0992, 49.5449.

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

81.8278, -50.0992, 49.5449

Protanopia

81.3104, -11.1696, 49.9075

Deuteranopia

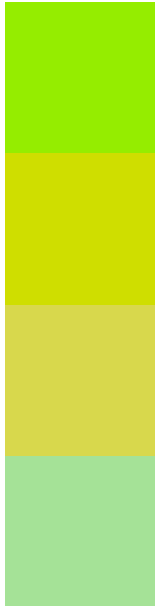
81.1034, 3.6860, 37.2814



Tritanopia

81.4605, -14.4088, -8.9307

Trichromacy



Original Color

81.8278, -50.0992, 49.5449

Protanomaly

80.9370, -27.2812, 49.3954

Deuteranomaly

80.1452, -19.5855, 43.9839

Tritanomaly

80.3906, -33.4392, 27.3575

Monochromacy



Original Color

81.8278, -50.0992, 49.5449

Achromatopsia

69.2330, -3.6941, 3.7616

Achromatomaly

72.5632, -25.2396, 30.5201

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 81.8278, -50.0992, 49.5449 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(149, 237, 0)` looks like.

```
.text, #text, p{  
    color:rgb(149, 237, 0)  
}
```

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(149, 237, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 237, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 81.8278, -50.0992, 49.5449 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(149, 237, 0) }
```


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

```
.border{ border-color:rgb(149, 237, 0) }
```

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

Here you see how a box with a 4 pixel rgb(149, 237, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 237, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 237, 0);  
box-shadow:4px 4px 4px 4px rgb(149, 237,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 81.8278, -50.0992, 49.5449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 237, 0) }
```

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

```
.background{ background-color: rgb(149,  
237, 0) }
```

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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