

Converting Colors

HunterLab(89.4630, -50.5211,
40.8132)

Have a look what the booklet for
HunterLab(89.4630, -50.5211,
40.8132) contains.

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Color

**HunterLab(89.4690,
-50.4835, 40.7131)**

Conversions

Conversions Part 1

Format	Color
Hex	9BFF80
RGB	155, 255, 128
RGB Percent	61%, 100%, 50%
CMY	0.3922, 0.0000, 0.4980
CMYK	0.39, 0.00, 0.50, 0.00
HSL	107°, 100%, 75%
HSV	107°, 50%, 100%
XYZ	53.1738, 80.0470, 33.0702
YIQ	210.6220, -18.8330, -60.6970

Conversions

Conversions Part 2

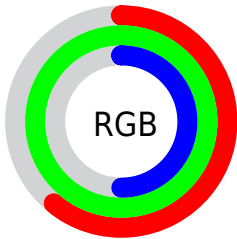
Format	Color
RYB	128, 255, 228
Decimal	10223488
CIELab	91.71, -52.26, 51.26
CIElCh	92, 73.201, 135.551
Yxy	80.0472, 0.3198, 0.4814
Android (android.graphics.Color)	4288413568 (0xFF9BFF80)
YUV	210.6220, -40.7326, -48.7805
Hunter-Lab	89.4690, -50.4835, 40.7131

Details

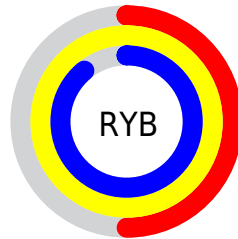
The HunterLab color $89.4690, -50.4835, 40.7131$ is a light color, and the websafe version is hex $99FF66$. A complement of this color would be $62.5730, 55.2834, -50.1189$, and the grayscale version is $80.7228, -4.3072, 4.3858$.

A 20% lighter version of the original color is $94.3849, -29.4846, 29.5014$, and $65.9072, -43.8536, 33.8557$ is the 20% darker color. If you saturate the color by 10%, you get $88.1100, -56.6216, 44.7546$, and if you desaturate by 10%, it is $91.0822, -43.2806, 35.6068$.

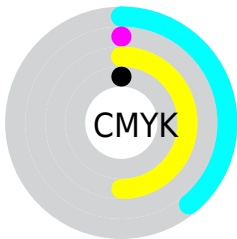
Distribution



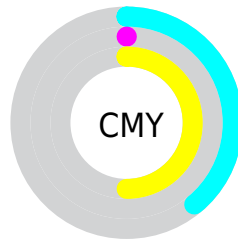
- Red (61%)
- Green (100%)
- Blue (50%)



- Red (50%)
- Yellow (100%)
- Blue (89%)



- Cyan (39%)
- Magenta (0%)
- Yellow (50%)
- Black (0%)





- Cyan (39%)
- Magenta (0%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 89.4690, -50.4835, 40.7131 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 89.4690, -50.4835, 40.7131 by changing the saturation by 10% instead.


 89.4690, -50.4835,
40.7131


 89.4690, -50.4835,
40.7131


222.5066,
-77.1590, 67.6581


 77.3028, -47.1418,
37.3076


 115.5128,
-56.8528, 47.1858

 65.7442, -43.6668,
33.7625


 129.3429,
-59.9137, 50.2873

 54.8271, -40.0267,
30.0495


 143.6846,
-62.9080, 53.3156

 44.5917, -36.1789,
26.1348

158.5205,
-65.8452, 56.2807

 35.0869, -32.0625,
21.9801

173.8345,
-68.7330, 59.1909

 26.3738, -27.5872,
17.9265

189.6122,

 18.5323, -22.6117,

-71.5777, 62.0534

12.9726

205.8403,
-74.3848, 64.8741

■ 11.6728, -20.4274,
8.1709

■ 4.3459, -7.6053,
3.0421

■ 89.4690, -50.4835,
40.7131

■ 89.4690, -50.4835,
40.7131

■ 88.1100, -56.6216,
44.7546

■ 91.0822, -43.2806,
35.6068

■ 87.0000, -61.6682,
47.7440

■ 92.9506, -35.0665,
29.4570

■ 86.1299, -65.6256,
49.7277

■ 95.0721, -25.9113,
22.3054

■ 85.4855, -68.5335,
50.7980

■ 97.4421, -15.8980,
14.2120

■ 85.0425, -70.4984, 100.0000, -5.3358,
51.1585 5.4332

■ 85.0353, -70.5301,
51.1636

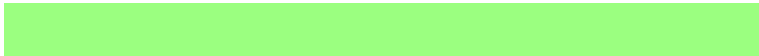
Harmonies

Analogous

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



89.4691, -23.2264, 48.8468



89.4690, -50.4835, 40.7131



89.4691, -64.2331, 20.2913

Triad

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



89.4691, -50.4831, 40.7124



89.4691, -21.9985, -89.7331



89.4691, 75.4341, 21.3150

Complementary

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



89.4690, -50.4835, 40.7131



62.5730, 55.2834, -50.1189

Split Complementary

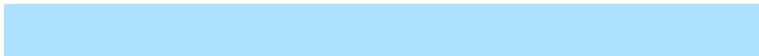
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.4691, 75.9089, -13.9036



89.4690, -50.4835, 40.7131



89.4691, 15.2966, -89.0846

Square

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



89.4691, -50.4831, 40.7124



89.4691, -49.7118, -58.8981



89.4691, 52.4650, -57.3784



89.4691, 51.2580, 41.1959

Rectangle

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



89.4690, -50.4835, 40.7131



89.4691, -65.6148, -1.9925



89.4691, 52.4650, -57.3784



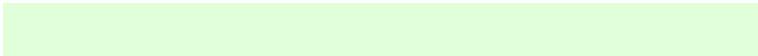
89.4691, 78.4884, 11.2287

Sweetspot

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



89.4691, -50.4831, 40.7124



96.1796, -21.2041, 18.5319



88.3301, -7.5861, 40.5870



44.2689, -10.7769, 9.3522

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



89.4691, -50.4831, 40.7124



88.0857, -56.7319, 44.8237



88.7633, -52.0482, 30.3289



45.1156, -7.2114, 6.4572



61.5102, -50.8048, 37.0129



19.3093, -15.3622, 11.6293

Inverse Universe

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



62.5730, 55.2834, -50.1189



56.8573, 67.1143, -62.4454



64.6643, 57.2878, -20.6104



42.5371, 2.7410, -1.9661



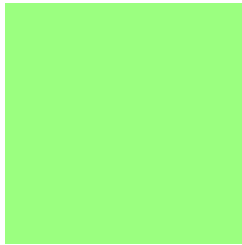
32.1142, 66.7436, -70.3104



10.2493, 21.1361, -21.1581

Previews

White Background



This preview shows how the HunterLab color 89.4690, -50.4835, 40.7131 looks on a white background.

Color Contrast Check

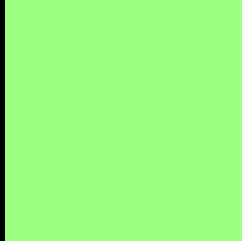
Large Text (above 18pt) WCAG AA × Fail

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 89.4690, -50.4835, 40.7131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

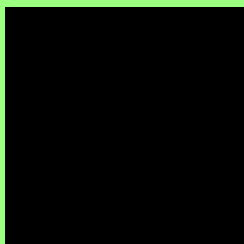
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

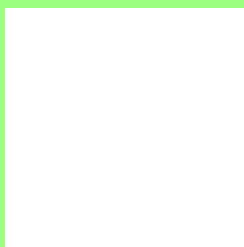
Any Text WCAG AAA ✓ Pass

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

HunterLab 89.4690, -50.4835, 40.7131 Background



This preview shows how black text looks on a background with the HunterLab color 89.4690, -50.4835, 40.7131.



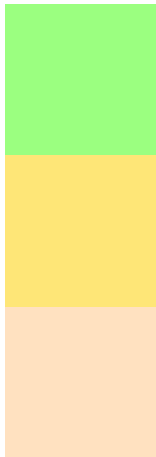
This preview shows how white text looks on a background with the HunterLab color 89.4690, -50.4835, 40.7131.

-50.4835, 40.7131.

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

89.4690, -50.4835, 40.7131

Protanopia

88.8799, -9.9368, 42.9510

Deuteranopia

88.8348, 0.6245, 21.4669



Tritanopia

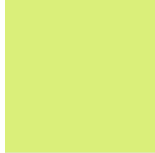
89.2437, -16.8555, -8.1572

Trichromacy



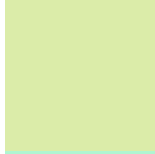
Original Color

89.4690, -50.4835, 40.7131



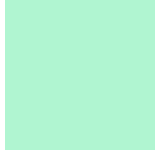
Protanomaly

88.3423, -26.7127, 41.6112



Deuteranomaly

88.2698, -20.2575, 28.8241



Tritanomaly

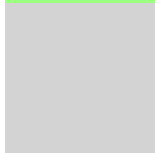
88.9598, -31.1435, 14.0681

Monochromacy



Original Color

89.4690, -50.4835, 40.7131



Achromatopsia

80.7097, -4.3065, 4.3851



Achromatomaly

83.2771, -22.9252, 19.7895

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 89.4690, -50.4835, 40.7131 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(155, 255, 128)` looks like.

```
.text, #text, p{  
    color:rgb(155, 255, 128)  
}
```

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(155, 255, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 255, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 89.4690, -50.4835, 40.7131 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(155, 255, 128) }
```


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

```
.border{ border-color:rgb(155, 255, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 255, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 255, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 255, 128);  
box-shadow:4px 4px 4px 4px rgb(155, 255,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 89.4690, -50.4835, 40.7131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 255, 128) }
```

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

```
.background{ background-color: rgb(155,  
255, 128) }
```

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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