

# Converting Colors

HunterLab(88.3613, -55.8660,  
47.0057)

Have a look what the booklet for  
HunterLab(88.3613, -55.8660,  
47.0057) contains.

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# Color

**HunterLab(88.3730,  
-55.8152, 46.9883)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8FFF5A
RGB	143, 255, 90
RGB Percent	56%, 100%, 35%
CMY	0.4392, 0.0000, 0.6470
CMYK	0.44, 0.00, 0.65, 0.00
HSL	101°, 100%, 68%
HSV	101°, 65%, 100%
XYZ	48.9332, 78.0979, 22.1682
YIQ	202.7020, -13.7870, -75.0590

# Conversions

## Conversions Part 2

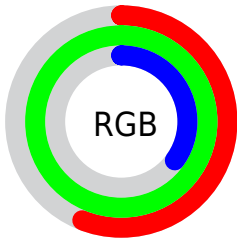
<b>Format</b>	<b>Color</b>
<b>RYB</b>	90, 255, 202
Decimal	9437018
CIELab	90.82, -59.71, 66.52
CIELCh	91, 89.391, 131.914
Yxy	78.0979, 0.3280, 0.5234
Android (android.graphics.Color)	4287627098 (0xFF8FFF5A)
YUV	202.7020, -55.5621, -52.3587
Hunter-Lab	88.3730, -55.8152, 46.9883

# Details

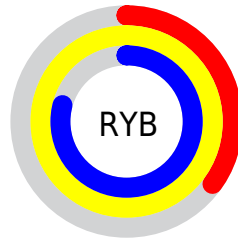
The HunterLab color **88.3730, -55.8152, 46.9883** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **52.0486, 66.8951, -74.5272**, and the grayscale version is **77.3859, -4.1291, 4.2045**.

A 20% lighter version of the original color is **92.8934, -36.5536, 39.2437**, and **64.6192, -48.0415, 38.0803** is the 20% darker color. If you saturate the color by 10%, you get **87.3545, -60.3893, 49.4266**, and if you desaturate by 10%, it is **89.5963, -50.3210, 43.4934**.

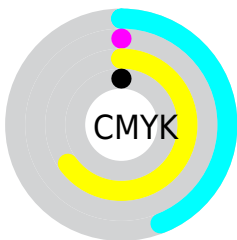
# Distribution



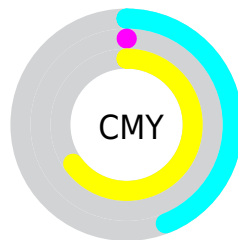
- Red (56%)
- Green (100%)
- Blue (35%)



- Red (35%)
- Yellow (100%)
- Blue (79%)



- Cyan (44%)
- Magenta (0%)
- Yellow (65%)
- Black (0%)




- Cyan (44%)
- Magenta (0%)
- Yellow (65%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 88.3730, -55.8152, 46.9883 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 88.3730, -55.8152, 46.9883 by changing the saturation by 10% instead.





 88.3730, -55.8152,  
46.9883


 88.3730, -55.8152,  
46.9883


221.0202,  
-85.5426, 80.5650


 76.2590, -52.0414,  
42.6661


 114.3189,  
-62.9750, 55.1642


 64.7555, -48.1032,  
38.1578


 128.1029,  
-66.4008, 59.0589

 53.8968, -43.9626,  
33.4359


 142.4004,  
-69.7433, 62.8460

 43.7237, -39.5680,  
28.4757

 157.1933,  
-73.0140, 66.5387

 34.2860, -34.8465,  
23.5327

172.4658,  
-76.2220, 70.1480

 25.6462, -29.6905,  
17.9524

188.2032,

 17.8863, -23.9809,

-79.3753, 73.6836

12.5204

204.3920,  
-82.4803, 77.1535

■ 11.1202, -19.4603,  
7.7841

■ 3.0213, -5.2873,  
2.1149

■ 88.3730, -55.8152,  
46.9883

■ 88.3730, -55.8152,  
46.9883

■ 87.3545, -60.3893,  
49.4266

■ 89.5963, -50.3210,  
43.4934

■ 86.5324, -64.0572,  
50.8840

■ 91.0293, -43.9195,  
38.9085

■ 85.8942, -66.8624,  
51.4823

■ 92.6738, -36.6417,  
33.2273

■ 85.6210, -68.0485,  
51.5679

■ 94.5296, -28.5344,  
26.4688

■ 96.5942, -19.6554,  
18.6714

■ 98.8634, -10.0696,  
9.8880

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.



88.3730, -22.0341, 53.6006



88.3730, -55.8152, 46.9883



88.3730, -73.3520, 26.9082

# Triad

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



88.3730, -55.8149, 46.9875



88.3730, -30.2284, -116.1869



88.3730, 97.9799, 20.2980

# Complementary

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



88.3730, -55.8152, 46.9883



52.0486, 66.8951, -74.5272

# 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.



88.3730, 94.5495, -25.0588



88.3730, -55.8152, 46.9883



88.3730, 14.0388, -121.1768

# Square

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



88.3730, -55.8149, 46.9875



88.3730, -60.7660, -70.6150



88.3730, 61.5046, -82.0184



88.3730, 70.1013, 44.2541



# Rectangle

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



88.3730, -55.8152, 46.9883



88.3730, -76.1558, 1.9912



88.3730, 61.5046, -82.0184



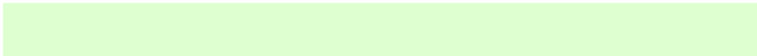
88.3730, 100.5833, 7.5397

# Sweetspot

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



88.3730, -55.8149, 46.9875



95.6819, -23.5605, 22.1455



79.5661, 3.7556, 41.8852



43.9956, -12.0683, 11.2679

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



88.3730, -55.8149, 46.9875



87.0623, -61.6970, 50.0106



86.5969, -62.4611, 40.6377



45.2231, -6.8265, 6.5806



61.9487, -48.9487, 37.3156



19.4741, -14.6698, 11.7431



# Inverse Universe

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



52.0486, 66.8951, -74.5272



45.9884, 78.5955, -92.2580



58.4354, 77.4464, -36.7407



42.4155, 2.3319, -2.1290



29.1623, 62.8775, -81.4352

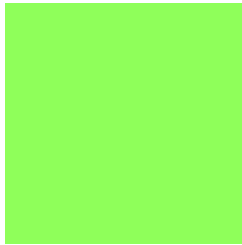


9.4173, 20.0279, -24.1500



# Previews

## White Background



This preview shows how the HunterLab color 88.3730, -55.8152, 46.9883 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

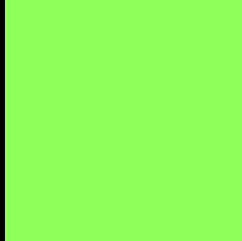
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 88.3730, -55.8152, 46.9883 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

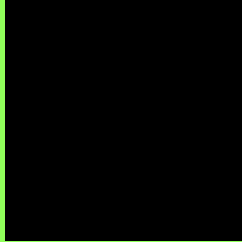
Any Text WCAG AA ✓ Pass

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 88.3730, -55.8152, 46.9883 Background



This preview shows how black text looks on a background with the HunterLab color 88.3730, -55.8152, 46.9883.



This preview shows how white text looks on a background with the HunterLab color 88.3730,

-55.8152, 46.9883.

# 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

88.3730, -55.8152, 46.9883

### Protanopia

87.8447, -11.2051, 48.5455

### Deuteranopia

87.6344, 0.6263, 24.7969



## Tritanopia

88.2236, -18.8634, -9.5477

# Trichromacy



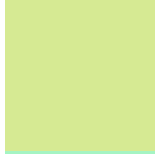
## Original Color

88.3730, -55.8152, 46.9883



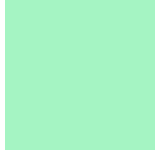
## Protanomaly

87.2359, -30.0033, 47.3880



## Deuteranomaly

86.7458, -23.3596, 34.1765



## Tritanomaly

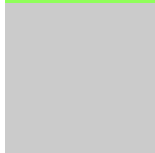
87.5447, -35.5187, 18.3564

# Monochromacy



## Original Color

88.3730, -55.8152, 46.9883



## Achromatopsia

77.2788, -4.1234, 4.1987



## Achromatomaly

80.4207, -25.9866, 23.8990

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 88.3730, -55.8152, 46.9883 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(143, 255, 90)` looks like.

```
.text, #text, p{  
    color:rgb(143, 255, 90)  
}
```

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(143, 255, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 255, 90) }
```

## Border

The CSS property to change the border of an element to HunterLab 88.3730, -55.8152, 46.9883 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(143, 255, 90) }
```



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

```
.border{ border-color:rgb(143, 255, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 255, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 255, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 255, 90);  
box-shadow:4px 4px 4px 4px rgb(143, 255,  
90) }
```

# Background

The CSS property to change the background color of an element to HunterLab 88.3730, -55.8152, 46.9883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 255, 90) }
```

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

```
.background{ background-color: rgb(143,  
255, 90) }
```

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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