

Converting Colors

HunterLab(85.8675, -47.5814,
45.4742)

Have a look what the booklet for
HunterLab(85.8675, -47.5814,
45.4742) contains.

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Color

**HunterLab(85.8629,
-47.5665, 45.3963)**

Conversions

Conversions Part 1

Format	Color
Hex	A2F55A
RGB	162, 245, 90
RGB Percent	64%, 96%, 35%
CMY	0.3647, 0.0392, 0.6470
CMYK	0.34, 0.00, 0.63, 0.04
HSL	92°, 89%, 66%
HSV	92°, 63%, 96%
XYZ	49.3981, 73.7244, 21.2995
YIQ	202.5130, 0.2870, -65.8010

Conversions

Conversions Part 2

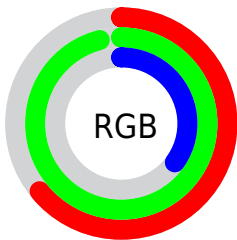
Format	Color
RYB	90, 245, 173
Decimal	10679642
CIELab	88.79, -49.69, 64.58
CIElCh	89, 81.481, 127.578
Yxy	73.7276, 0.3420, 0.5105
Android (android.graphics.Color)	4288869722 (0xFFA2F55A)
YUV	202.5130, -55.4689, -35.5299
Hunter-Lab	85.8629, -47.5665, 45.3963

Details

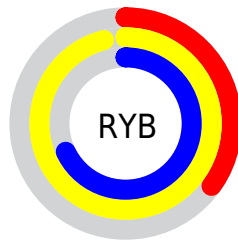
The HunterLab color **85.8629, -47.5665, 45.3963** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **47.7404, 56.1971, -76.8892**, and the grayscale version is **77.3017, -4.1246, 4.1999**.

A 20% lighter version of the original color is **94.3226, -31.1419, 40.4820**, and **62.4446, -40.9542, 36.7180** is the 20% darker color. If you saturate the color by 10%, you get **84.8962, -51.8604, 47.8584**, and if you desaturate by 10%, it is **86.9841, -42.5860, 41.8995**.

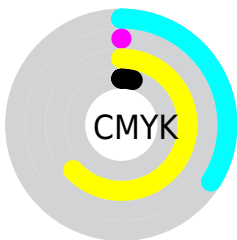
Distribution



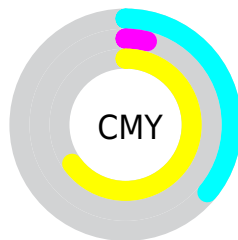
- Red (64%)
- Green (96%)
- Blue (35%)



- Red (35%)
- Yellow (96%)
- Blue (68%)



- Cyan (34%)
- Magenta (0%)
- Yellow (63%)
- Black (4%)



- Cyan (36%)
- Magenta (4%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.8629, -47.5665, 45.3963 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 85.8629, -47.5665, 45.3963 by changing the saturation by 10% instead.

85.8629, -47.5665,
45.3963

85.8629, -47.5665,
45.3963

217.6080,
-73.3679, 78.2955

73.8723, -44.3359,
41.1556

111.5839,
-53.7272, 53.4140

62.4967, -40.9716,
36.7269

125.2613,
-56.6863, 57.2304

51.7737, -37.4432,
32.0827

139.4559,
-59.5812, 60.9405

41.7456, -33.7064,
27.1973

154.1496,
-62.4213, 64.5575

32.4644, -29.6972,
22.4301

169.3259,
-65.2142, 68.0926

23.9959, -25.3186,
16.7971

184.9700,

16.4271, -20.4404,

-67.9662, 71.5553

11.4990

201.0682,
-70.6826, 74.9539

■ 9.8815, -17.2926,
6.9170

0.0000, NaN, NaN

■ 85.8629, -47.5665,
45.3963

■ 85.8629, -47.5665,
45.3963

■ 84.8962, -51.8604,
47.8584

■ 86.9841, -42.5860,
41.8995

■ 84.0727, -55.4734,
49.3544


■ 88.2577, -36.9182,
37.3271


■ 83.3854, -58.4397,
49.9959


■ 89.6873, -30.5821,
31.6655


■ 82.9892, -60.1259,
50.0849

■ 91.2731, -23.6053,
24.9208

 93.0140, -16.0225,
17.1162

 94.9077, -7.8738,
8.2877

 96.7312, -0.3966,
1.6099

 96.8442, -0.0092,
1.7540

Harmonies

Analogous

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



85.8648, -14.7374, 50.7328



85.8629, -47.5665, 45.3963



85.8648, -65.9850, 28.6402

Triad

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



85.8648, -47.5684, 45.3968



85.8648, -32.6344, -97.5663



85.8648, 88.3673, 13.9873

Complementary

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



85.8629, -47.5665, 45.3963



47.7404, 56.1971, -76.8892

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.



85.8648, 81.1169, -29.1330



85.8629, -47.5665, 45.3963



85.8648, 6.0598, -107.8490

Square

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



85.8648, -47.5684, 45.3968



85.8648, -58.5586, -54.7917



85.8648, 48.9739, -78.5334



85.8648, 67.2505, 38.9835

Rectangle

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



85.8629, -47.5665, 45.3963



85.8648, -70.0084, 7.7829



85.8648, 48.9739, -78.5334



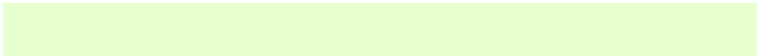
85.8648, 89.2273, 1.4440

Sweetspot

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



85.8648, -47.5684, 45.3968



96.2652, -21.4258, 22.7628



70.6492, 13.7698, 35.6562



44.2998, -10.9470, 11.5823

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.8648, -47.5684, 45.3968



88.5772, -55.4385, 50.6362



82.6506, -60.5309, 42.0734



43.4157, -6.0263, 6.4389



60.9767, -43.8558, 36.8058



18.2439, -12.3150, 11.0262

Inverse Universe

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



47.7404, 56.1971, -76.8892



43.1004, 70.5331, -102.3519



57.4528, 76.6092, -48.2012



40.4520, 1.7030, -2.2214



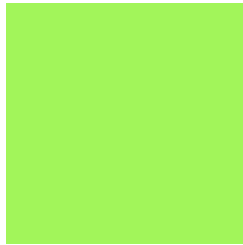
24.9861, 57.0031, -94.0369



7.8092, 17.3705, -25.9385

Previews

White Background



This preview shows how the HunterLab color 85.8629, -47.5665, 45.3963 looks on a white background.

Color Contrast Check

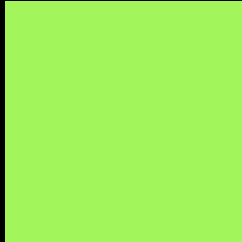
Large Text (above 18pt) WCAG AA × Fail

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 85.8629, -47.5665, 45.3963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

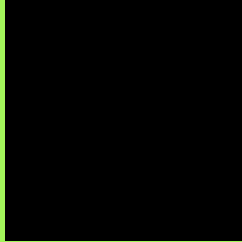
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

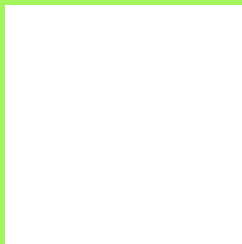
Any Text WCAG AAA ✓ Pass

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

HunterLab 85.8629, -47.5665, 45.3963 Background



This preview shows how black text looks on a background with the HunterLab color 85.8629, -47.5665, 45.3963.



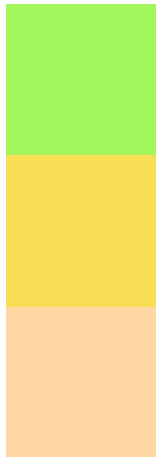
This preview shows how white text looks on a background with the HunterLab color 85.8629,

-47.5665, 45.3963.

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

85.8629, -47.5665, 45.3963

Protanopia

85.3458, -10.4114, 46.5806

Deuteranopia

85.1500, 2.2383, 28.3812



Tritanopia

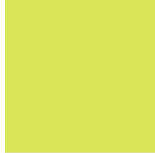
85.5162, -14.0396, -9.1226

Trichromacy



Original Color

85.8629, -47.5665, 45.3963



Protanomaly

84.8630, -25.2687, 45.6988



Deuteranomaly

84.5828, -18.3191, 35.4714



Tritanomaly

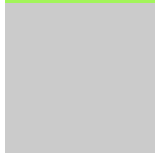
85.1618, -29.0497, 17.6517

Monochromacy



Original Color

85.8629, -47.5665, 45.3963



Achromatopsia

77.2788, -4.1234, 4.1987



Achromatomaly

79.6510, -22.1118, 23.2490

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.8629, -47.5665, 45.3963 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(162, 245, 90)` looks like.

```
.text, #text, p{  
    color:rgb(162, 245, 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(162, 245, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 245, 90) }
```

Border

The CSS property to change the border of an element to HunterLab 85.8629, -47.5665, 45.3963 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(162, 245, 90) }
```


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

```
.border{ border-color:rgb(162, 245, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 245, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 245, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 245, 90);  
box-shadow:4px 4px 4px 4px rgb(162, 245,  
90) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.8629, -47.5665, 45.3963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 245, 90) }
```

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

```
.background{ background-color: rgb(162,  
245, 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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