

Converting Colors

HunterLab(84.8782, -39.2430,
47.3792)

Have a look what the booklet for
HunterLab(84.8782, -39.2430,
47.3792) contains.

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Color

**HunterLab(84.8858,
-39.2161, 47.3375)**

Conversions

Conversions Part 1

Format	Color
Hex	BAEE48
RGB	186, 238, 72
RGB Percent	73%, 93%, 28%
CMY	0.2706, 0.0666, 0.7176
CMYK	0.22, 0.00, 0.70, 0.07
HSL	79°, 83%, 61%
HSV	79°, 70%, 93%
XYZ	51.9939, 72.0560, 17.2987
YIQ	203.5280, 22.2940, -62.6500

Conversions

Conversions Part 2

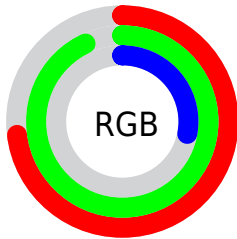
Format	Color
RYB	72, 238, 124
Decimal	12250696
CIELab	88.00, -39.34, 70.98
CIELCh	88, 81.152, 118.994
Yxy	72.0592, 0.3678, 0.5098
Android (android.graphics.Color)	4290440776 (0xFFBAEE48)
YUV	203.5280, -64.8433, -15.3721
Hunter-Lab	84.8858, -39.2161, 47.3375

Details

The HunterLab color $84.8858, -39.2161, 47.3375$ is a light color, and the websafe version is hex $CCFF66$. The color can be described as light muted chartreuse. A complement of this color would be $38.8520, 51.7610, -98.6003$, and the grayscale version is $77.7678, -4.1495, 4.2253$.

A 20% lighter version of the original color is $96.1860, -24.7278, 46.0343$, and $61.6807, -33.7696, 37.4162$ is the 20% darker color. If you saturate the color by 10%, you get $84.2002, -42.2033, 49.1602$, and if you desaturate by 10%, it is $85.6683, -35.7640, 44.5358$.

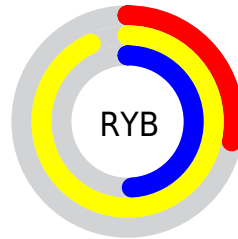
Distribution



Red (73%)

Green (93%)

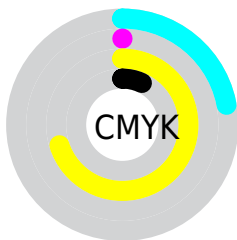
Blue (28%)



Red (28%)

Yellow (93%)

Blue (49%)

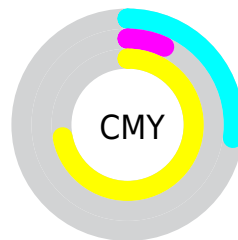


Cyan (22%)

Magenta (0%)

Yellow (70%)

Black (7%)



Cyan (27%)

Magenta (7%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.8858, -39.2161, 47.3375 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 84.8858, -39.2161, 47.3375 by changing the saturation by 10% instead.

■ 84.8858, -39.2161,
47.3375

■ 84.8858, -39.2161,
47.3375

216.2747,
-60.9368, 83.1313

■ 72.9432, -36.5549,
42.7007

■ 110.5173,
-44.3302, 56.0967

■ 61.6182, -33.7971,
37.8599

■ 124.1527,
-46.8032, 60.2596

■ 50.9489, -30.9206,
32.7923

■ 138.3068,
-49.2330, 64.3014

■ 40.9782, -27.8911,
27.4939

■ 152.9614,
-51.6264, 68.2365

■ 31.7591, -24.6588,
22.2314

■ 168.0998,
-53.9892, 72.0772

■ 23.3587, -21.1467,
16.3511

183.7071,

■ 15.8663, -17.2267,

-56.3260, 75.8340

11.1064

199.7696,
-58.6407, 79.5161

■ 9.4092, -16.4661,
6.5864

0.0000, NaN, NaN

■ 84.8858, -39.2161,
47.3375

■ 84.8858, -39.2161,
47.3375

■ 84.2002, -42.2033,
49.1602

■ 85.6683, -35.7640,
44.5358

■ 83.5988, -44.7506,
50.1011


■ 86.5472, -31.8219,
40.6854


■ 83.0703, -46.9308,
50.3536


■ 87.5278, -27.3840,
35.7422


■ 83.0574, -46.9837,
50.3571


■ 88.6128, -22.4501,
29.6809

 89.8036, -17.0270,
22.4931

 91.1011, -11.1270,
14.1841

 92.5051, -4.7670,
4.7717

 93.7561, 0.6310,
-2.0455

 94.4855, 3.1147,
-1.0907

Harmonies

Analogous

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



84.8877, -3.1568, 50.4286



84.8858, -39.2161, 47.3375



84.8877, -61.7112, 34.7078

Triad

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



84.8877, -39.2183, 47.3380



84.8877, -41.1852, -87.0933



84.8877, 88.6821, 3.3043

Complementary

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



84.8858, -39.2161, 47.3375



38.8520, 51.7610, -98.6003

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.



84.8877, 73.4489, -43.3382



84.8858, -39.2161, 47.3375



84.8877, -5.9024, -108.5179

Square

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



84.8877, -39.2183, 47.3380



84.8877, -62.6873, -39.9369



84.8877, 36.8045, -89.6234



84.8877, 75.2858, 33.3536

Rectangle

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



84.8858, -39.2161, 47.3375



84.8877, -68.4774, 17.6334



84.8877, 36.8045, -89.6234



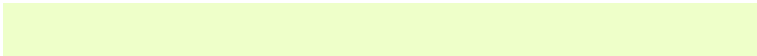
84.8877, 86.6979, -10.8467

Sweetspot

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



84.8877, -39.2183, 47.3380



96.9402, -19.2252, 25.4308



57.0240, 35.9588, 29.3919



44.6805, -9.6618, 12.7978

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.8877, -39.2183, 47.3380



90.7505, -46.9549, 53.7394



80.3964, -57.2217, 44.0161



42.6571, -5.1315, 6.5283



62.0941, -34.8617, 37.6518



18.0559, -9.4747, 10.9601

Inverse Universe

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



38.8520, 51.7610, -98.6003



34.6040, 68.4486, -139.5785



48.7445, 71.7007, -67.1022



39.3306, 0.8967, -2.4639



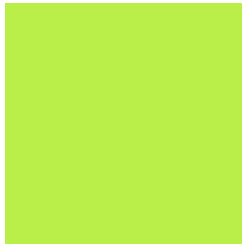
20.8066, 52.1836, -114.8607



6.4113, 15.4481, -30.4969

Previews

White Background



This preview shows how the HunterLab color 84.8858, -39.2161, 47.3375 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 84.8858, -39.2161, 47.3375 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 84.8858, -39.2161, 47.3375 Background



This preview shows how black text looks on a background with the HunterLab color 84.8858, -39.2161, 47.3375.



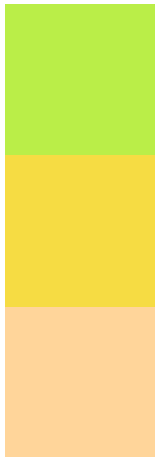
This preview shows how white text looks on a background with the HunterLab color 84.8858, -39.2161, 47.3375.

-39.2161, 47.3375.

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

84.8858, -39.2161, 47.3375

Protanopia

84.3709, -10.9514, 48.0656

Deuteranopia

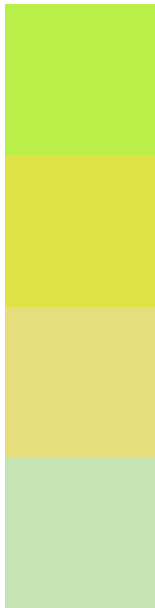
84.3692, 2.2873, 30.5437



Tritanopia

84.5653, -6.5106, -5.8038

Trichromacy



Original Color

84.8858, -39.2161, 47.3375

Protanomaly

84.3891, -22.2837, 47.6544

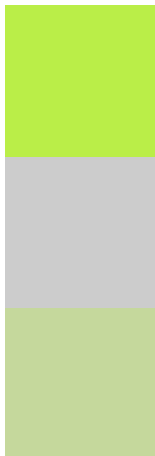
Deuteranomaly

83.9767, -14.3382, 38.0319

Tritanomaly

84.1114, -21.6277, 21.3880

Monochromacy



Original Color

84.8858, -39.2161, 47.3375

Achromatopsia

77.7063, -4.1462, 4.2219

Achromatomaly

79.6130, -19.1856, 25.2978

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.8858, -39.2161, 47.3375 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(186, 238, 72)` looks like.

```
.text, #text, p{  
    color:rgb(186, 238, 72)  
}
```

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(186, 238, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 238, 72) }
```

Border

The CSS property to change the border of an element to HunterLab 84.8858, -39.2161, 47.3375 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(186, 238, 72) }
```


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

```
.border{ border-color:rgb(186, 238, 72) }
```

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

Here you see how a box with a 4 pixel rgb(186, 238, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 238, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 238, 72);  
box-shadow:4px 4px 4px 4px rgb(186, 238,  
72) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.8858, -39.2161, 47.3375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 238, 72) }
```

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

```
.background{ background-color: rgb(186,  
238, 72) }
```

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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