

Converting Colors

HunterLab(86.2247, -40.0704,
47.8267)

Have a look what the booklet for
HunterLab(86.2247, -40.0704,
47.8267) contains.

HunterLab(86.0871, -39.7952, 47.7653)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(86.0871,
-39.7952, 47.7653)**

Conversions

Conversions Part 1

Format	Color
Hex	BCF14B
RGB	188, 241, 75
RGB Percent	74%, 95%, 29%
CMY	0.2627, 0.0549, 0.7059
CMYK	0.22, 0.00, 0.69, 0.05
HSL	79°, 86%, 62%
HSV	79°, 69%, 95%
XYZ	53.4643, 74.1099, 18.1433
YIQ	206.2290, 21.6980, -62.8620

Conversions

Conversions Part 2

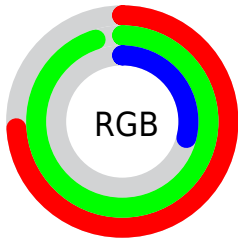
Format	Color
RYB	75, 241, 128
Decimal	12382539
CIELab	88.98, -39.74, 70.93
CIELCh	89, 81.305, 119.257
Yxy	74.1132, 0.3669, 0.5086
Android (android.graphics.Color)	4290572619 (0xFFBCF14B)
YUV	206.2290, -64.6959, -15.9868
Hunter-Lab	86.0871, -39.7952, 47.7653

Details

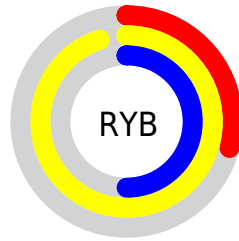
The HunterLab color **86.0871, -39.7952, 47.7653** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light washed chartreuse. A complement of this color would be **39.9676, 51.9734, -97.9199**, and the grayscale version is **78.9241, -4.2112, 4.2881**.

A 20% lighter version of the original color is **96.4158, -23.7987, 45.5703**, and **62.8043, -34.4341, 38.0969** is the 20% darker color. If you saturate the color by 10%, you get **85.3767, -42.8955, 49.6904**, and if you desaturate by 10%, it is **86.8974, -36.2170, 44.8395**.

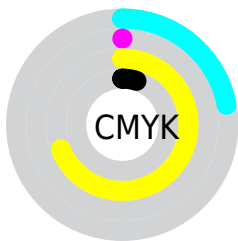
Distribution



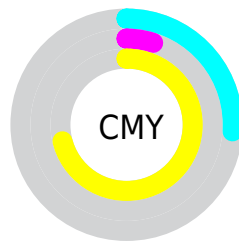
- Red (74%)
- Green (95%)
- Blue (29%)



- Red (29%)
- Yellow (95%)
- Blue (50%)



- Cyan (22%)
- Magenta (0%)
- Yellow (69%)
- Black (5%)



- Cyan (26%)
- Magenta (5%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.0871, -39.7952, 47.7653 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 86.0871, -39.7952, 47.7653 by changing the saturation by 10% instead.

86.0871, -39.7952,
47.7653

86.0871, -39.7952,
47.7653

217.9137,
-61.6402, 83.4449

74.0855, -37.1203,
43.1499

111.8286,
-44.9375, 56.4886

62.6985, -34.3493,
38.3330

125.5156,
-47.4246, 60.6365

51.9632, -31.4605,
33.2914

139.7195,
-49.8684, 64.6649

41.9220, -28.4205,
28.0098

154.4221,
-52.2757, 68.5879

32.6266, -25.1807,
22.8386

169.6071,
-54.6523, 72.4177

24.1426, -21.6666,
16.8998

185.2595,

16.5565, -17.7555,

-57.0027, 76.1646

11.5895

201.3659,
-59.3309, 79.8378

■ 9.9907, -17.4837,
6.9935

0.0000, NaN, NaN

■ 86.0871, -39.7952,
47.7653

■ 86.0871, -39.7952,
47.7653

■ 85.3767, -42.8955,
49.6904

■ 86.8974, -36.2170,
44.8395

■ 84.7536, -45.5417,
50.7104


■ 87.8069, -32.1367,
40.8447


■ 84.2079, -47.7976,
50.9971


■ 88.8210, -27.5496,
35.7383


■ 84.1496, -48.0375,
51.0116


■ 89.9422, -22.4566,
29.4966

 91.1718, -16.8656,
22.1129

 92.5106, -10.7901,
13.5943

 93.9584, -4.2479,
3.9604

 95.0670, 0.3192,
-0.4181

 95.6001, 2.1381,
0.2712

Harmonies

Analogous

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



86.0890, -3.5750, 50.9743



86.0871, -39.7952, 47.7653



86.0890, -62.3550, 34.8536

Triad

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



86.0890, -39.7974, 47.7658



86.0890, -41.2620, -87.7378



86.0890, 89.1214, 3.7094

Complementary

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



86.0871, -39.7952, 47.7653



39.9676, 51.9734, -97.9199

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.



86.0890, 74.0599, -43.0652



86.0871, -39.7952, 47.7653



86.0890, -5.6165, -108.8812

Square

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



86.0890, -39.7974, 47.7658



86.0890, -63.0828, -40.5431



86.0890, 37.3597, -89.6112



86.0890, 75.4230, 33.8424

Rectangle

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



86.0871, -39.7952, 47.7653



86.0890, -69.0998, 17.5106



86.0890, 37.3597, -89.6112



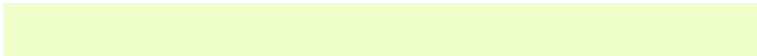
86.0890, 87.2153, -10.4765

Sweetspot

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



86.0890, -39.7974, 47.7658



96.9114, -19.3296, 25.4011



58.7679, 34.4790, 30.0994



44.6655, -9.7163, 12.7828

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



86.0890, -39.7974, 47.7658



90.7274, -47.0259, 53.5669



81.5179, -58.1242, 44.3712



42.6513, -5.1521, 6.5216



62.0267, -35.1306, 37.6055



18.0379, -9.5457, 10.9478

Inverse Universe

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



39.9676, 51.9734, -97.9199



35.1403, 67.9014, -136.7835



50.1695, 72.7941, -66.1641



39.3366, 0.9171, -2.4558



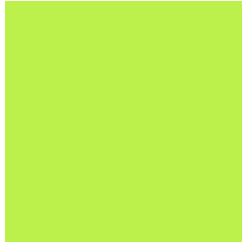
20.8862, 52.2568, -114.3202



6.4364, 15.4737, -30.3458

Previews

White Background



This preview shows how the HunterLab color 86.0871, -39.7952, 47.7653 looks on a white background.

Color Contrast Check

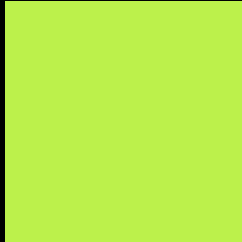
Large Text (above 18pt) WCAG AA × Fail

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 86.0871, -39.7952, 47.7653 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 86.0871, -39.7952, 47.7653 Background



This preview shows how black text looks on a background with the HunterLab color 86.0871, -39.7952, 47.7653.



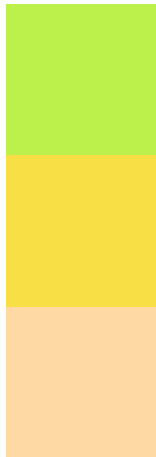
This preview shows how white text looks on a background with the HunterLab color 86.0871,

-39.7952, 47.7653.

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

86.0871, -39.7952, 47.7653

Protanopia

85.6489, -11.1683, 48.5698

Deuteranopia

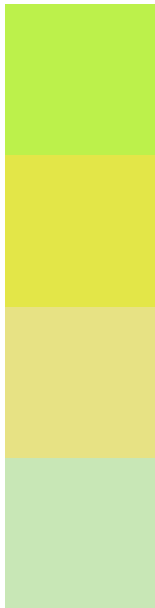
85.7707, 1.3114, 28.5960



Tritanopia

85.7828, -6.8855, -5.8682

Trichromacy



Original Color

86.0871, -39.7952, 47.7653

Protanomaly

85.6694, -22.5200, 48.1517

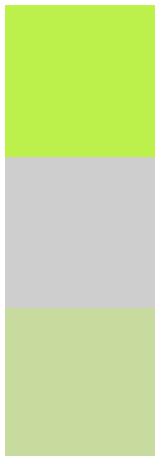
Deuteranomaly

85.4679, -15.2441, 37.2545

Tritanomaly

85.3279, -22.0534, 21.4414

Monochromacy



Original Color

86.0871, -39.7952, 47.7653

Achromatopsia

78.5625, -4.1919, 4.2684

Achromatomaly

80.7922, -19.7466, 25.6994

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.0871, -39.7952, 47.7653 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(188, 241, 75)` looks like.

```
.text, #text, p{  
    color:rgb(188, 241, 75)  
}
```

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(188, 241, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 241, 75) }
```

Border

The CSS property to change the border of an element to HunterLab 86.0871, -39.7952, 47.7653 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(188, 241, 75) }
```


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

```
.border{ border-color:rgb(188, 241, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 241, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 241, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 241, 75);  
box-shadow:4px 4px 4px 4px rgb(188, 241,  
75) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.0871, -39.7952, 47.7653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 241, 75) }
```

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

```
.background{ background-color: rgb(188,  
241, 75) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor