

Converting Colors

HunterLab(84.7337, -36.0095,
47.5069)

Have a look what the booklet for
HunterLab(84.7337, -36.0095,
47.5069) contains.

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Color

**HunterLab(84.7953,
-36.0883, 47.5672)**

Conversions

Conversions Part 1

Format	Color
Hex	C2EC46
RGB	194, 236, 70
RGB Percent	76%, 93%, 27%
CMY	0.2392, 0.0745, 0.7255
CMYK	0.18, 0.00, 0.70, 0.07
HSL	75°, 81%, 60%
HSV	75°, 70%, 93%
XYZ	53.3491, 71.9024, 16.8611
YIQ	204.5180, 28.2540, -60.5300

Conversions

Conversions Part 2

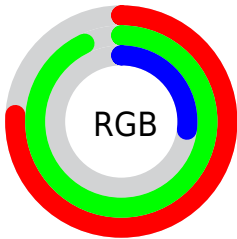
Format	Color
RYB	70, 236, 112
Decimal	12774470
CIELab	87.92, -35.50, 71.77
CIELCh	88, 80.072, 116.314
Yxy	71.9057, 0.3754, 0.5060
Android (android.graphics.Color)	4290964550 (0xFFC2EC46)
YUV	204.5180, -66.3174, -9.2243
Hunter-Lab	84.7953, -36.0883, 47.5672

Details

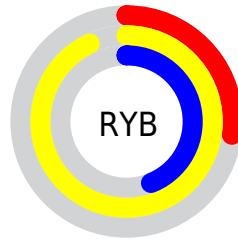
The HunterLab color **84.7953, -36.0883, 47.5672** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **37.2600, 49.8443, -102.4516**, and the grayscale version is **78.1958, -4.1723, 4.2485**.

A 20% lighter version of the original color is **97.0306, -21.6597, 46.9318**, and **61.5441, -30.9163, 37.3819** is the 20% darker color. If you saturate the color by 10%, you get **84.1959, -38.7026, 49.3537**, and if you desaturate by 10%, it is **85.4814, -33.0480, 44.8137**.

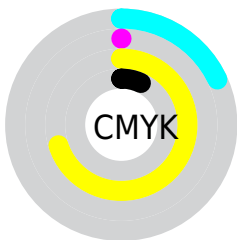
Distribution



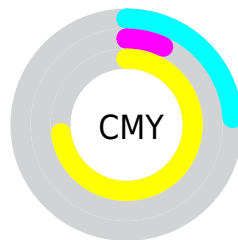
- Red (76%)
- Green (93%)
- Blue (27%)



- Red (27%)
- Yellow (93%)
- Blue (44%)



- Cyan (18%)
- Magenta (0%)
- Yellow (70%)
- Black (7%)



- Cyan (24%)
- Magenta (7%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.7953, -36.0883, 47.5672 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 84.7953, -36.0883, 47.5672 by changing the saturation by 10% instead.

■ 84.7953, -36.0883,
47.5672

■ 84.7953, -36.0883,
47.5672

216.1511,
-56.3071, 83.7195

■ 72.8571, -33.6370,
42.8819

■ 110.4185,
-40.8170, 56.4177

■ 61.5369, -31.1031,
37.9911

■ 124.0499,
-43.1110, 60.6235

■ 50.8726, -28.4676,
32.8727

■ 138.2003,
-45.3696, 64.7064

■ 40.9073, -25.7003,
27.5355

■ 152.8512,
-47.5987, 68.6809

■ 31.6939, -22.7574,
22.1857

■ 167.9862,
-49.8033, 72.5595

■ 23.2999, -19.5704,
16.3099

183.5901,

■ 15.8146, -16.0249,

-51.9873, 76.3529

11.0702

199.6492,
-54.1543, 80.0702

■ 9.3656, -16.3898,
6.5559

0.0000, NaN, NaN

■ 84.7953, -36.0883,
47.5672

■ 84.7953, -36.0883,
47.5672

■ 84.1959, -38.7026,
49.3537

■ 85.4814, -33.0480,
44.8137


■ 83.6702, -40.9184,
50.2737


■ 86.2538, -29.5526,
41.0194


■ 83.2211, -42.7551,
50.5319

■ 87.1183, -25.5918,
36.1351

■ 88.0780, -21.1609,
30.1301

 89.1349, -16.2614,
22.9897

 90.2902, -10.9007,
14.7134

 91.5444, -5.0905,
5.3125

 92.7641, 0.4306,
-3.3000

 93.3406, 2.3962,
-2.5369

Harmonies

Analogous

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



84.7972, 0.4876, 50.0481



84.7953, -36.0883, 47.5672



84.7972, -59.6497, 36.0653

Triad

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



84.7972, -36.0906, 47.5677



84.7972, -43.2171, -81.9743



84.7972, 87.0114, -0.2390

Complementary

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



84.7953, -36.0883, 47.5672



37.2600, 49.8443, -102.4516

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.



84.7972, 69.6883, -47.0120



84.7953, -36.0883, 47.5672



84.7972, -9.4319, -106.1395

Square

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



84.7972, -36.0906, 47.5677



84.7972, -63.1953, -34.7882



84.7972, 32.4525, -91.0404



84.7972, 76.2986, 31.1299

Rectangle

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



84.7953, -36.0883, 47.5672



84.7972, -67.2232, 20.2085



84.7972, 32.4525, -91.0404



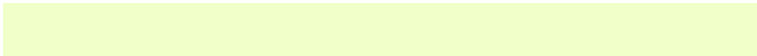
84.7972, 84.2026, -14.6488

Sweetspot

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



84.7972, -36.0906, 47.5677



97.2307, -18.1742, 25.7297



54.5488, 40.1419, 28.0164



44.8314, -9.1132, 12.9495

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.7972, -36.0906, 47.5677



91.6886, -43.2777, 54.3957



79.9055, -55.5675, 43.9644



41.7420, -4.8072, 6.4352



61.8373, -31.5365, 37.5518



17.4578, -8.3292, 10.6116

Inverse Universe

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



37.2600, 49.8443, -102.4516



33.5040, 66.8664, -145.6063



46.8763, 69.1773, -70.2814



38.3837, 0.6706, -2.4756



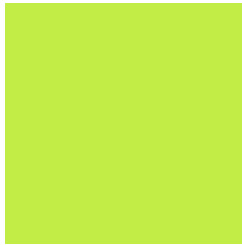
19.7858, 50.7553, -117.9991



5.9325, 14.5780, -30.4178

Previews

White Background



This preview shows how the HunterLab color 84.7953, -36.0883, 47.5672 looks on a white background.

Color Contrast Check

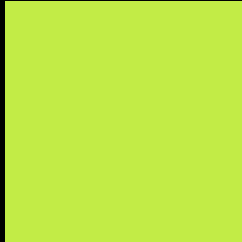
Large Text (above 18pt) WCAG AA × Fail

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 84.7953, -36.0883, 47.5672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

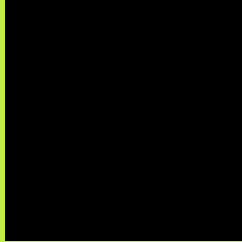
Any Text WCAG AA ✓ Pass

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 84.7953, -36.0883, 47.5672 Background



This preview shows how black text looks on a background with the HunterLab color 84.7953, -36.0883, 47.5672.



This preview shows how white text looks on a background with the HunterLab color 84.7953,

-36.0883, 47.5672.

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

84.7953, -36.0883, 47.5672

Protanopia

84.3638, -10.9906, 48.1698

Deuteranopia

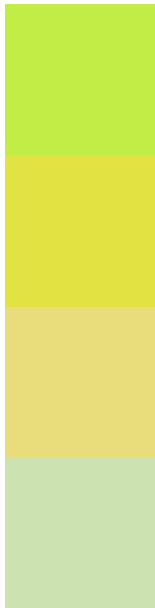
84.3495, 2.1811, 30.8304



Tritanopia

84.4728, -3.7617, -4.7887

Trichromacy



Original Color

84.7953, -36.0883, 47.5672

Protanomaly

84.3379, -20.8392, 47.8707

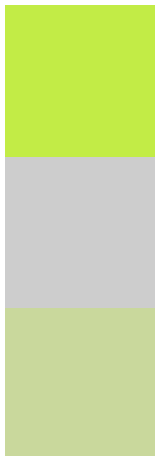
Deuteranomaly

83.9444, -12.8627, 38.2657

Tritanomaly

83.9918, -18.8164, 22.0639

Monochromacy



Original Color

84.7953, -36.0883, 47.5672

Achromatopsia

78.1342, -4.1690, 4.2452

Achromatomaly

79.9560, -17.9313, 25.6315

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.7953, -36.0883, 47.5672 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(194, 236, 70)` looks like.

```
.text, #text, p{  
    color:rgb(194, 236, 70)  
}
```

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(194, 236, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 236, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 84.7953, -36.0883, 47.5672 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(194, 236, 70) }
```


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

```
.border{ border-color:rgb(194, 236, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 236, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 236, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 236, 70);  
box-shadow:4px 4px 4px 4px rgb(194, 236,  
70) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.7953, -36.0883, 47.5672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 236, 70) }
```

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

```
.background{ background-color: rgb(194,  
236, 70) }
```

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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