

Converting Colors

HunterLab(85.3583, -35.0145,
44.8366)

Have a look what the booklet for
HunterLab(85.3583, -35.0145,
44.8366) contains.

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Color

**HunterLab(85.4171,
-35.0336, 44.8320)**

Conversions

Conversions Part 1

Format	Color
Hex	C3ED5D
RGB	195, 237, 93
RGB Percent	76%, 93%, 36%
CMY	0.2353, 0.0706, 0.6353
CMYK	0.18, 0.00, 0.61, 0.07
HSL	78°, 80%, 65%
HSV	78°, 61%, 93%
XYZ	54.7657, 72.9608, 21.5523
YIQ	208.0260, 21.1920, -53.6880

Conversions

Conversions Part 2

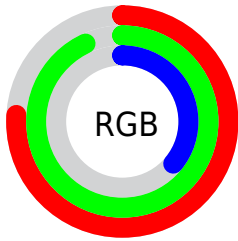
Format	Color
RYB	93, 237, 135
Decimal	12840285
CIELab	88.43, -34.06, 63.49
CIELCh	88, 72.053, 118.214
Yxy	72.9641, 0.3669, 0.4888
Android (android.graphics.Color)	4291030365 (0xFFC3ED5D)
YUV	208.0260, -56.7078, -11.4238
Hunter-Lab	85.4171, -35.0336, 44.8320

Details

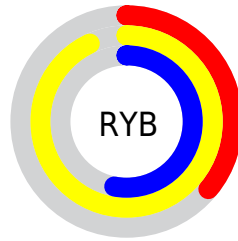
The HunterLab color **85.4171, -35.0336, 44.8320** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **43.6989, 42.7814, -81.0363**, and the grayscale version is **79.6623, -4.2506, 4.3282**.

A 20% lighter version of the original color is **97.3288, -19.9780, 42.5566**, and **62.1019, -30.2276, 36.2929** is the 20% darker color. If you saturate the color by 10%, you get **84.6802, -38.3045, 47.5322**, and if you desaturate by 10%, it is **86.2517, -31.2949, 41.0936**.

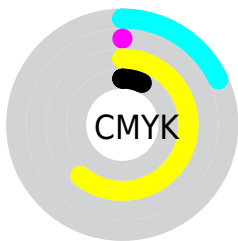
Distribution



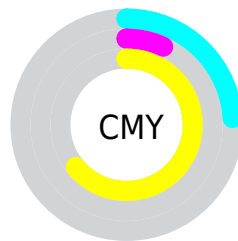
- Red (76%)
- Green (93%)
- Blue (36%)



- Red (36%)
- Yellow (93%)
- Blue (53%)



- Cyan (18%)
- Magenta (0%)
- Yellow (61%)
- Black (7%)





- Cyan (24%)
- Magenta (7%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.4171, -35.0336, 44.8320 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 85.4171, -35.0336, 44.8320 by changing the saturation by 10% instead.


 85.4171, -35.0336,
44.8320


 85.4171, -35.0336,
44.8320


217.0001,
-54.6825, 77.2863

 73.4483, -32.6634,
40.6499


 111.0973,
-39.6143, 52.7386


 62.0959, -30.2168,
36.2814


 124.7556,
-41.8402, 56.5023

 51.3973, -27.6761,
31.6988


 138.9318,
-44.0338, 60.1616

 41.3953, -25.0134,
26.8749

 153.6077,
-46.2007, 63.7295

 32.1423, -22.1876,
22.1427

168.7667,
-48.3455, 67.2171

 23.7048, -19.1354,
16.5933

184.3941,

 16.1707, -15.7506,

-50.4720, 70.6339

11.3195

200.4760,
-52.5834, 73.9880

■ 9.6653, -15.8885,
6.7657

0.0000, NaN, NaN

■ 85.4171, -35.0336,
44.8320

■ 85.4171, -35.0336,
44.8320

■ 84.6802, -38.3045,
47.5322

■ 86.2517, -31.2949,
41.0936

■ 84.0300, -41.1214,
49.2640

■ 87.1821, -27.0709,
36.2672

■ 83.4611, -43.5203,
50.1307

■ 88.2129, -22.3617,
30.3248

■ 82.9953, -45.4340,
50.3459

■ 89.3461, -17.1714,
23.2544

■ 90.5824, -11.5102,
15.0583

■ 91.9223, -5.3926,
5.7508

■ 93.2291, 0.4250,
-2.7120

■ 93.9003, 2.7126,
-1.8283

■ 94.3672, 4.2944,
-1.2174

Harmonies

Analogous

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



85.4190, -2.3820, 47.8811



85.4171, -35.0336, 44.8320



85.4190, -56.0334, 32.6872

Triad

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



85.4190, -35.0359, 44.8326



85.4190, -38.2164, -72.9345



85.4190, 76.7187, 2.5600

Complementary

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



85.4171, -35.0336, 44.8320



43.6989, 42.7814, -81.0363

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.



85.4190, 63.0063, -38.0896



85.4171, -35.0336, 44.8320



85.4190, -6.7210, -91.5147

Square

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



85.4190, -35.0359, 44.8326



85.4190, -57.6434, -32.9422



85.4190, 30.8907, -76.6756



85.4190, 65.8186, 30.3993

Rectangle

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



85.4171, -35.0336, 44.8320



85.4190, -62.5702, 17.0969



85.4190, 30.8907, -76.6756



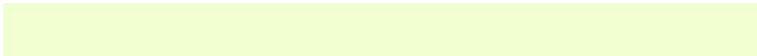
85.4190, 74.7953, -10.0085

Sweetspot

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



85.4190, -35.0359, 44.8326



97.4355, -17.0555, 22.9952



59.8265, 30.7633, 27.1393



44.9023, -8.6963, 11.7802

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.4190, -35.0359, 44.8326



91.8279, -42.4424, 52.2214



81.0323, -52.3640, 41.4370



41.7056, -4.9364, 6.3937



61.3805, -33.3416, 37.2387



17.3418, -8.7837, 10.5321

Inverse Universe

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



43.6989, 42.7814, -81.0363



39.5978, 58.5405, -116.2316



51.9983, 62.1104, -58.2326



38.4210, 0.7978, -2.4250



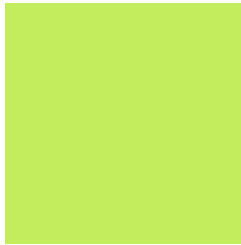
20.2239, 51.1400, -114.8829



6.0744, 14.7178, -29.5259

Previews

White Background



This preview shows how the HunterLab color 85.4171, -35.0336, 44.8320 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 85.4171, -35.0336, 44.8320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

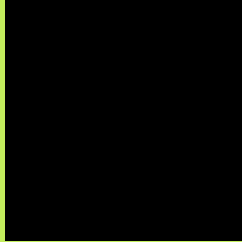
Any Text WCAG AA ✓ Pass

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 85.4171, -35.0336, 44.8320 Background



This preview shows how black text looks on a background with the HunterLab color 85.4171, -35.0336, 44.8320.



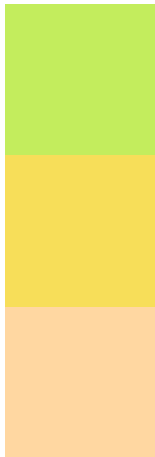
This preview shows how white text looks on a background with the HunterLab color 85.4171,

-35.0336, 44.8320.

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

85.4171, -35.0336, 44.8320

Protanopia

85.2866, -10.5265, 45.7986

Deuteranopia

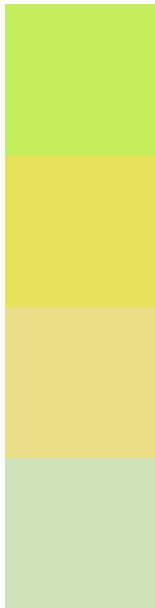
85.1082, 2.0127, 28.9890



Tritanopia

85.1651, -4.4179, -4.9906

Trichromacy



Original Color

85.4171, -35.0336, 44.8320

Protanomaly

84.9531, -19.8471, 45.2494

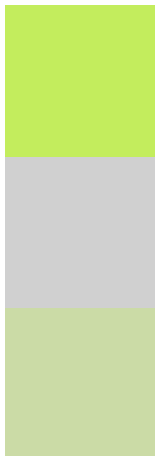
Deuteranomaly

84.7800, -12.6987, 35.7294

Tritanomaly

84.6450, -17.6099, 18.9186

Monochromacy



Original Color

85.4171, -35.0336, 44.8320

Achromatopsia

79.4202, -4.2377, 4.3151

Achromatomaly

81.3097, -17.5039, 23.4898

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.4171, -35.0336, 44.8320 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(195, 237, 93)` looks like.

```
.text, #text, p{  
    color:rgb(195, 237, 93)  
}
```

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(195, 237, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 237, 93) }
```

Border

The CSS property to change the border of an element to HunterLab 85.4171, -35.0336, 44.8320 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(195, 237, 93) }
```


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

```
.border{ border-color:rgb(195, 237, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 237, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 237, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 237, 93);  
box-shadow:4px 4px 4px 4px rgb(195, 237,  
93) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.4171, -35.0336, 44.8320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 237, 93) }
```

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

```
.background{ background-color: rgb(195,  
237, 93) }
```

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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