

Converting Colors

HunterLab(85.2359, -35.8096,
40.0854)

Have a look what the booklet for
HunterLab(85.2359, -35.8096,
40.0854) contains.

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Color

**HunterLab(85.0985,
-35.6775, 40.0871)**

Conversions

Conversions Part 1

Format	Color
Hex	BBED75
RGB	187, 237, 117
RGB Percent	73%, 93%, 46%
CMY	0.2667, 0.0706, 0.5412
CMYK	0.21, 0.00, 0.51, 0.07
HSL	85°, 77%, 69%
HSV	85°, 51%, 93%
XYZ	53.9886, 72.4175, 27.9622
YIQ	208.3700, 8.7200, -47.9200

Conversions

Conversions Part 2

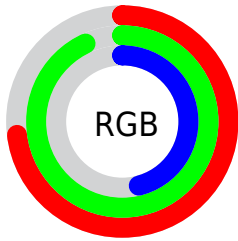
Format	Color
RYB	117, 237, 167
Decimal	12316021
CIELab	88.17, -34.92, 52.48
CIELCh	88, 63.034, 123.642
Yxy	72.4207, 0.3497, 0.4691
Android (android.graphics.Color)	4290506101 (0xFFBBED75)
YUV	208.3700, -45.0454, -18.7415
Hunter-Lab	85.0985, -35.6775, 40.0871

Details

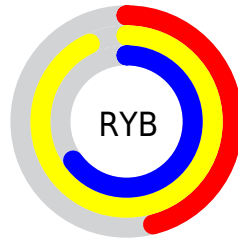
The HunterLab color $85.0985, -35.6775, 40.0871$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $52.0140, 37.9645, -58.6177$, and the grayscale version is $79.7653, -4.2561, 4.3338$.

A 20% lighter version of the original color is $96.9077, -20.6429, 35.4735$, and $61.8411, -30.8386, 32.9159$ is the 20% darker color. If you saturate the color by 10%, you get $84.1005, -40.1301, 43.7692$, and if you desaturate by 10%, it is $86.2203, -30.6748, 35.3423$.

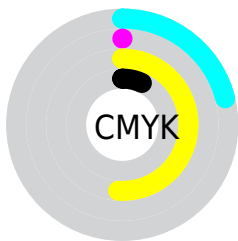
Distribution



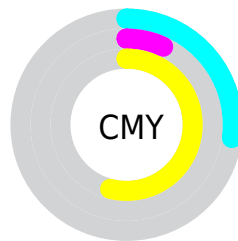
- Red (73%)
- Green (93%)
- Blue (46%)



- Red (46%)
- Yellow (93%)
- Blue (65%)



- Cyan (21%)
- Magenta (0%)
- Yellow (51%)
- Black (7%)





- Cyan (27%)
- Magenta (7%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.0985, -35.6775, 40.0871 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 85.0985, -35.6775, 40.0871 by changing the saturation by 10% instead.


 85.0985, -35.6775,
40.0871


 85.0985, -35.6775,
40.0871


216.5652,
-55.6656, 67.7659


 73.1454, -33.2589,
36.5631


 110.7495,
-40.3459, 46.7692

 61.8094, -30.7606,
32.8849


 124.3941,
-42.6124, 49.9621

 51.1283, -28.1638,
29.0232


 138.5570,
-44.8447, 53.0749

 41.1451, -25.4393,
24.9427

153.2201,
-47.0487, 56.1186

 31.9124, -22.5445,
20.6066

168.3668,
-49.2291, 59.1025

 23.4971, -19.4132,
16.4480

183.9822,

 15.9880, -15.9345,

-51.3899, 62.0342

11.1916

200.0524,
-53.5345, 64.9201

■ 9.5115, -16.5085,
6.6580

0.0000, NaN, NaN

■ 85.0985, -35.6775,
40.0871

■ 85.0985, -35.6775,
40.0871

■ 84.1005, -40.1301,
43.7692

■ 86.2203, -30.6748,
35.3423

■ 83.2173, -44.0277,
46.4257


■ 87.4621, -25.1235,
29.5149


■ 82.4461, -47.3854,
48.1218

■ 88.8266, -19.0413,
22.6049


■ 81.7797, -50.2316,
48.9551

■ 90.3137, -12.4494,
14.6262

 81.2377, -52.5016,
49.1392

 91.9223, -5.3736,
5.6050

 93.5044, 1.3658,
-2.3487

 94.3671, 4.2945,
-1.2174

Harmonies

Analogous

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



85.1004, -8.3732, 44.5002



85.0985, -35.6775, 40.0871



85.1004, -52.4632, 26.5196

Triad

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



85.1004, -35.6796, 40.0878



85.1004, -29.8942, -65.2041



85.1004, 65.0362, 8.2250

Complementary

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



85.0985, -35.6775, 40.0871



52.0140, 37.9645, -58.6177

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.



85.1004, 57.0795, -25.2583



85.0985, -35.6775, 40.0871



85.1004, -0.6485, -75.6726

Square

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



85.1004, -35.6796, 40.0878



85.1004, -49.4813, -34.0468



85.1004, 31.8287, -58.9630



85.1004, 52.2232, 30.8504

Rectangle

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



85.0985, -35.6775, 40.0871



85.1004, -56.9376, 10.7923



85.1004, 31.8287, -58.9630



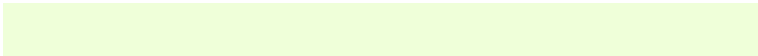
85.1004, 64.7098, -2.0257

Sweetspot

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



85.1004, -35.6796, 40.0878



97.4054, -16.7653, 19.8729



68.5047, 15.5004, 27.9168



44.9066, -8.4553, 10.0377

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.1004, -35.6796, 40.0878



91.3236, -43.8813, 47.7678



81.4667, -49.9941, 37.0751



41.5886, -5.3514, 6.2603



60.0901, -38.5250, 36.3528



17.0048, -10.1234, 10.3010

Inverse Universe

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



52.0140, 37.9645, -58.6177



49.1429, 51.7348, -82.9550



59.3042, 56.7321, -42.5695



38.5429, 1.2119, -2.2601



22.0275, 52.8772, -103.2415



6.6053, 15.2802, -26.4941

Previews

White Background



This preview shows how the HunterLab color 85.0985, -35.6775, 40.0871 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 85.0985, -35.6775, 40.0871 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 85.0985, -35.6775, 40.0871 Background



This preview shows how black text looks on a background with the HunterLab color 85.0985, -35.6775, 40.0871.



This preview shows how white text looks on a background with the HunterLab color 85.0985,

-35.6775, 40.0871.

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

85.0985, -35.6775, 40.0871

Protanopia

84.9211, -9.6953, 41.4557

Deuteranopia

84.8303, 2.6458, 28.4274



Tritanopia

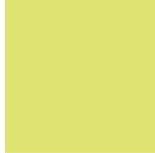
84.8314, -7.1244, -6.0152

Trichromacy



Original Color

85.0985, -35.6775, 40.0871



Protanomaly

84.7591, -19.9954, 40.7422



Deuteranomaly

84.3450, -12.2814, 32.6420



Tritanomaly

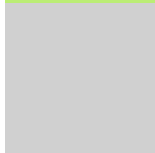
84.5447, -19.1721, 15.1361

Monochromacy



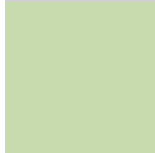
Original Color

85.0985, -35.6775, 40.0871



Achromatopsia

79.4202, -4.2377, 4.3151



Achromatomaly

81.2635, -17.2515, 20.1814

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.0985, -35.6775, 40.0871 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(187, 237, 117)` looks like.

```
.text, #text, p{  
    color:rgb(187, 237, 117)  
}
```

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(187, 237, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 237, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 85.0985, -35.6775, 40.0871 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(187, 237, 117) }
```


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

```
.border{ border-color:rgb(187, 237, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 237, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 237, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 237, 117);  
box-shadow:4px 4px 4px 4px rgb(187, 237,  
117) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.0985, -35.6775, 40.0871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 237, 117) }
```

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

```
.background{ background-color: rgb(187,  
237, 117) }
```

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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