

Converting Colors

HunterLab(87.6686, -36.0469,
50.1347)

Have a look what the booklet for
HunterLab(87.6686, -36.0469,
50.1347) contains.

HunterLab(87.5853, -35.9266, 50.0572)	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(87.5853,
-35.9266, 50.0572)**

Conversions

Conversions Part 1

Format	Color
Hex	CCF240
RGB	204, 242, 64
RGB Percent	80%, 95%, 25%
CMY	0.2000, 0.0510, 0.7490
CMYK	0.16, 0.00, 0.74, 0.05
HSL	73°, 87%, 60%
HSV	73°, 74%, 95%
XYZ	57.5794, 76.7118, 16.6226
YIQ	210.3460, 34.4900, -63.4140

Conversions

Conversions Part 2

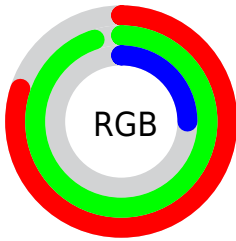
Format	Color
RYB	64, 242, 102
Decimal	13431360
CIELab	90.19, -34.64, 76.19
CIELCh	90, 83.698, 114.450
Yxy	76.7153, 0.3815, 0.5083
Android (android.graphics.Color)	4291621440 (0xFFCCCF240)
YUV	210.3460, -72.1486, -5.5654
Hunter-Lab	87.5853, -35.9266, 50.0572

Details

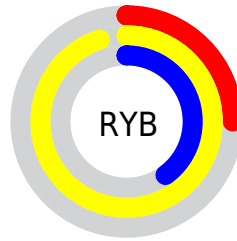
The HunterLab color **87.5853, -35.9266, 50.0572** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **35.9226, 53.1259, -115.5911**, and the grayscale version is **80.7201, -4.3070, 4.3857**.

A 20% lighter version of the original color is **97.0748, -21.6046, 47.7923**, and **64.2097, -30.6002, 39.0300** is the 20% darker color. If you saturate the color by 10%, you get **87.0510, -38.2436, 51.6154**, and if you desaturate by 10%, it is **88.2017, -33.1986, 47.5318**.

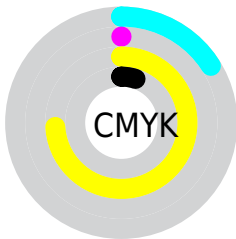
Distribution



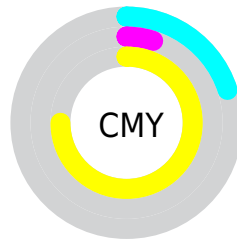
- Red (80%)
- Green (95%)
- Blue (25%)



- Red (25%)
- Yellow (95%)
- Blue (40%)



- Cyan (16%)
- Magenta (0%)
- Yellow (74%)
- Black (5%)



- Cyan (20%)
- Magenta (5%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.5853, -35.9266, 50.0572 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 87.5853, -35.9266, 50.0572 by changing the saturation by 10% instead.

87.5853, -35.9266,
50.0572

87.5853, -35.9266,
50.0572

219.9529,
-55.7558, 87.9341

75.5111, -33.5370,
45.1568

113.4626,
-40.5479, 59.3263

64.0474, -31.0717,
40.0493

127.2134,
-42.7941, 63.7340

53.2309, -28.5139,
34.7159

141.4788,
-45.0080, 68.0135

43.1028, -25.8367,
29.1773

156.2409,
-47.1952, 72.1795

33.7137, -23.0010,
23.5996

171.4834,
-49.3600, 76.2443

25.1270, -19.9473,
17.5889

187.1916,

17.4262, -16.5774,

-51.5064, 80.2190

12.1984

203.3523,
-53.6374, 84.1128

■ 10.7282, -15.0042,
7.5097

■ 1.4519, -2.5409,
1.0163

■ 87.5853, -35.9266,
50.0572

■ 87.5853, -35.9266,
50.0572

■ 87.0510, -38.2436,
51.6154

■ 88.2017, -33.1986,
47.5318

■ 86.5847, -40.1847,
52.3244

■ 88.9006, -30.0236,
43.9514

■ 86.3121, -41.2886,
52.4623

■ 89.6887, -26.3856,
39.2556

■ 90.5697, -22.2745,
33.4032

91.5461, -17.6872,
26.3705

92.6199, -12.6266,
18.1488

93.7921, -7.1004,
8.7427

94.9743, -1.6057,
-0.5666

95.4700, 0.0963,
0.0754

Harmonies

Analogous

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



87.5873, 3.3463, 52.1581



87.5853, -35.9266, 50.0572



87.5873, -61.6240, 38.9322

Triad

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



87.5873, -35.9291, 50.0577



87.5873, -47.2137, -84.7001



87.5873, 92.1208, -3.0689

Complementary

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



87.5853, -35.9266, 50.0572



35.9226, 53.1259, -115.5911

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.



87.5873, 72.0024, -53.3642



87.5853, -35.9266, 50.0572



87.5873, -12.4237, -112.8597

Square

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



87.5873, -35.9291, 50.0577



87.5873, -67.2189, -33.7845



87.5873, 31.6801, -99.2766



87.5873, 82.5681, 31.1738

Rectangle

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



87.5853, -35.9266, 50.0572



87.5873, -70.1899, 23.1127



87.5873, 31.6801, -99.2766



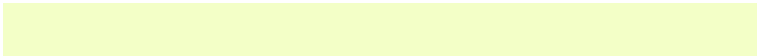
87.5873, 88.5038, -18.6729

Sweetspot

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



87.5873, -35.9291, 50.0577



97.3126, -18.0014, 26.7647



53.1861, 48.1007, 28.2068



44.8843, -8.9733, 13.4029

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.5873, -35.9291, 50.0577



92.1383, -41.5973, 55.2305



82.2728, -57.0403, 46.2013



42.7537, -4.7892, 6.6383



63.3089, -30.0717, 38.4842



18.3745, -8.2288, 11.1782

Inverse Universe

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



35.9226, 53.1259, -115.5911



31.3380, 68.8392, -158.4779



45.6588, 71.5891, -79.7014



39.2318, 0.5602, -2.5979



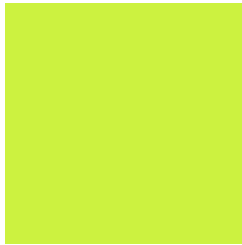
19.6958, 51.2147, -122.8150



6.0375, 15.0846, -32.8833

Previews

White Background



This preview shows how the HunterLab color 87.5853, -35.9266, 50.0572 looks on a white background.

Color Contrast Check

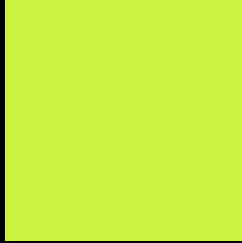
Large Text (above 18pt) WCAG AA × Fail

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 87.5853, -35.9266, 50.0572 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 87.5853, -35.9266, 50.0572 Background



This preview shows how black text looks on a background with the HunterLab color 87.5853, -35.9266, 50.0572.



This preview shows how white text looks on a background with the HunterLab color 87.5853,

-35.9266, 50.0572.

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

87.5853, -35.9266, 50.0572

Protanopia

87.3700, -11.6059, 50.7328

Deuteranopia

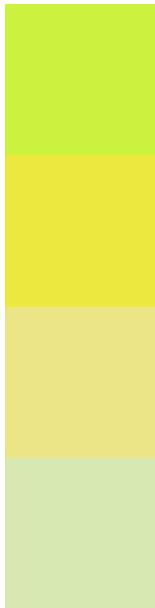
87.2170, 0.5276, 26.1810



Tritanopia

87.4380, -2.6644, -4.2033

Trichromacy



Original Color

87.5853, -35.9266, 50.0572

Protanomaly

87.1109, -20.7045, 50.3099

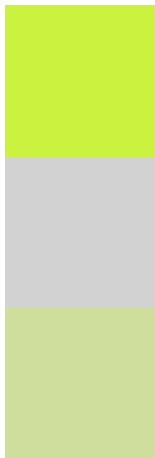
Deuteranomaly

86.9602, -14.6836, 37.6993

Tritanomaly

86.8418, -18.3319, 24.0734

Monochromacy



Original Color

87.5853, -35.9266, 50.0572

Achromatopsia

80.2795, -4.2835, 4.3617

Achromatomaly

82.5147, -18.4574, 27.6019

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.5853, -35.9266, 50.0572 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(204, 242, 64)` looks like.

```
.text, #text, p{  
    color:rgb(204, 242, 64)  
}
```

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(204, 242, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 242, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 87.5853, -35.9266, 50.0572 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(204, 242, 64) }
```


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

```
.border{ border-color:rgb(204, 242, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 242, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 242, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 242, 64);  
box-shadow:4px 4px 4px 4px rgb(204, 242,  
64) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.5853, -35.9266, 50.0572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 242, 64) }
```

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

```
.background{ background-color: rgb(204,  
242, 64) }
```

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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