

Converting Colors

HunterLab(80.3300, -48.5161,
42.2998)

Have a look what the booklet for
HunterLab(80.3300, -48.5161,
42.2998) contains.

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Color

**HunterLab(80.2637,
-48.3333, 42.2634)**

Conversions

Conversions Part 1

Format	Color
Hex	8BE955
RGB	139, 233, 85
RGB Percent	55%, 91%, 33%
CMY	0.4549, 0.0863, 0.6666
CMYK	0.40, 0.00, 0.64, 0.09
HSL	98°, 77%, 62%
HSV	98°, 64%, 91%
XYZ	41.4260, 64.4226, 18.8458
YIQ	188.0220, -8.5160, -65.9560

Conversions

Conversions Part 2

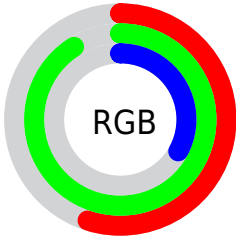
Format	Color
RYB	85, 233, 179
Decimal	9169237
CIELab	84.19, -52.74, 61.27
CIElCh	84, 80.845, 130.719
Yxy	64.4254, 0.3322, 0.5166
Android (android.graphics.Color)	4287359317 (0xFF8BE955)
YUV	188.0220, -50.7898, -42.9923
Hunter-Lab	80.2637, -48.3333, 42.2634

Details

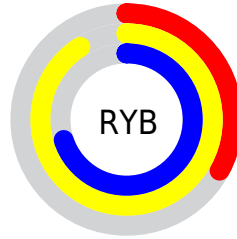
The HunterLab color **80.2637, -48.3333, 42.2634** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **46.8679, 57.1849, -67.6468**, and the grayscale version is **71.1350, -3.7956, 3.8649**.

A 20% lighter version of the original color is **92.4225, -38.5536, 40.3589**, and **57.6331, -41.4066, 33.8993** is the 20% darker color. If you saturate the color by 10%, you get **79.3253, -52.5393, 44.5855**, and if you desaturate by 10%, it is **81.3757, -43.3661, 38.9851**.

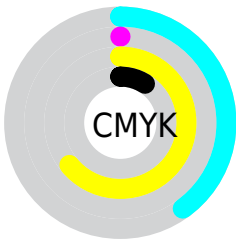
Distribution



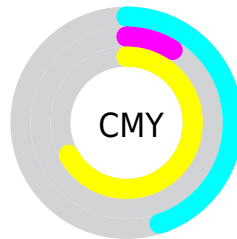
- Red (55%)
- Green (91%)
- Blue (33%)



- Red (33%)
- Yellow (91%)
- Blue (70%)



- Cyan (40%)
- Magenta (0%)
- Yellow (64%)
- Black (9%)





- Cyan (45%)
- Magenta (9%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 80.2637, -48.3333, 42.2634 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 80.2637, -48.3333, 42.2634 by changing the saturation by 10% instead.


 80.2637, -48.3333,
42.2634

 80.2637, -48.3333,
42.2634


209.9343,
-75.6277, 74.0897


 68.5531, -44.8673,
38.1412


 105.4625,
-54.9050, 50.0380


 57.4734, -41.2413,
33.8267


 118.8949,
-58.0471, 53.7323

 47.0648, -37.4170,
29.2902


 132.8537,
-61.1131, 57.3209

 37.3736, -33.3384,
24.5044

 147.3196,
-64.1143, 60.8175

 28.4575, -28.9230,
19.9203

162.2755,
-67.0594, 64.2336

 20.3910, -24.0438,
14.2737

177.7058,

 13.2751, -20.4708,

-69.9560, 67.5790

9.2926

193.5964,
-72.8103, 70.8620

■ 6.8081, -11.9141,
4.7657

0.0000, NaN, NaN

■ 80.2637, -48.3333,
42.2634

■ 80.2637, -48.3333,
42.2634

■ 79.3253, -52.5393,
44.5855

■ 81.3757, -43.3661,
38.9851

■ 78.5492, -55.9871,
46.0114


■ 82.6598, -37.6440,
34.7188


■ 77.9274, -58.7101,
46.6439


■ 84.1191, -31.1943,
29.4596


■ 77.5965, -60.1412,
46.7617

■ 85.7531, -24.0546,
23.2227

 87.5599, -16.2707,
16.0396

 89.5361, -7.8943,
7.9541

 91.6775, 1.0204,
-0.9812

 93.1453, 6.4600,
-2.7121

Harmonies

Analogous

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



80.2654, -18.0227, 48.0203



80.2637, -48.3333, 42.2634



80.2654, -64.4736, 24.8714

Triad

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



80.2654, -48.3349, 42.2639



80.2654, -28.0125, -99.1120



80.2654, 85.5310, 16.7573

Complementary

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



80.2637, -48.3333, 42.2634



46.8679, 57.1849, -67.6468

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.



80.2654, 81.4138, -23.5587



80.2637, -48.3333, 42.2634



80.2654, 10.4392, -105.0294

Square

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



80.2654, -48.3349, 42.2639



80.2654, -54.4181, -59.0587



80.2654, 51.9474, -72.6468



80.2654, 62.2940, 38.8148

Rectangle

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



80.2637, -48.3333, 42.2634



80.2654, -67.3403, 3.4506



80.2654, 51.9474, -72.6468



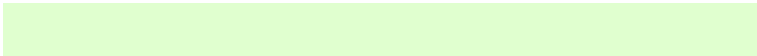
80.2654, 87.3983, 5.2768

Sweetspot

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



80.2654, -48.3349, 42.2639



95.8574, -22.9167, 22.3315



70.7924, 5.4976, 36.5195



44.0869, -11.7308, 11.3624

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.2654, -48.3349, 42.2639



87.6110, -59.3771, 49.9391



78.2474, -56.1243, 37.1598



41.3880, -6.0663, 6.0307



58.5049, -45.0718, 35.2614



16.5546, -11.9614, 9.9915

Inverse Universe

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



46.8679, 57.1849, -67.6468



45.6133, 75.0172, -93.5549



53.5164, 69.4466, -35.7501



38.7597, 1.9457, -1.9680



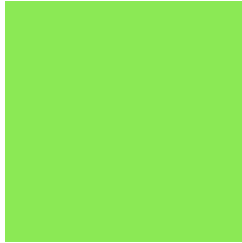
26.4251, 57.8863, -80.8495



7.7617, 16.6693, -21.1638

Previews

White Background



This preview shows how the HunterLab color 80.2637, -48.3333, 42.2634 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 80.2637, -48.3333, 42.2634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

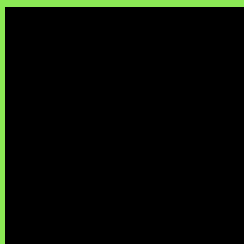
Any Text WCAG AA ✓ Pass

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 80.2637, -48.3333, 42.2634 Background



This preview shows how black text looks on a background with the HunterLab color 80.2637, -48.3333, 42.2634.



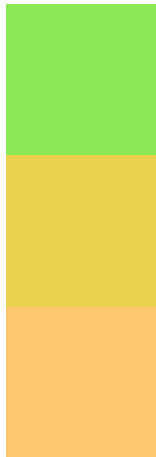
This preview shows how white text looks on a background with the HunterLab color 80.2637, -48.3333, 42.2634.

-48.3333, 42.2634.

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

80.2637, -48.3333, 42.2634

Protanopia

79.6710, -9.9704, 43.5544

Deuteranopia

79.5053, 5.5055, 38.2979



Tritanopia

79.9909, -16.5463, -9.8197

Trichromacy



Original Color

80.2637, -48.3333, 42.2634



Protanomaly

79.2963, -25.9688, 42.5868



Deuteranomaly

78.5205, -16.8468, 38.9853



Tritanomaly

79.3609, -30.7964, 15.7027

Monochromacy



Original Color

80.2637, -48.3333, 42.2634



Achromatopsia

70.9145, -3.7838, 3.8529



Achromatomaly

73.4617, -22.2370, 21.2474

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.2637, -48.3333, 42.2634 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(139, 233, 85)` looks like.

```
.text, #text, p{  
    color:rgb(139, 233, 85)  
}
```

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(139, 233, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 233, 85) }
```

Border

The CSS property to change the border of an element to HunterLab 80.2637, -48.3333, 42.2634 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(139, 233, 85) }
```


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

```
.border{ border-color:rgb(139, 233, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 233, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 233, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 233, 85);  
box-shadow:4px 4px 4px 4px rgb(139, 233,  
85) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.2637, -48.3333, 42.2634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 233, 85) }
```

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

```
.background{ background-color: rgb(139,  
233, 85) }
```

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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