

Converting Colors

HunterLab(80.8311, -51.5092,
43.1291)

Have a look what the booklet for
HunterLab(80.8311, -51.5092,
43.1291) contains.

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Color

**HunterLab(80.8275,
-51.5956, 43.1920)**

Conversions

Conversions Part 1

Format	Color
Hex	82EC51
RGB	130, 236, 81
RGB Percent	51%, 93%, 32%
CMY	0.4902, 0.0745, 0.6823
CMYK	0.45, 0.00, 0.66, 0.07
HSL	101°, 80%, 62%
HSV	101°, 66%, 93%
XYZ	40.6866, 65.3308, 18.2503
YIQ	186.6360, -13.4210, -70.6770

Conversions

Conversions Part 2

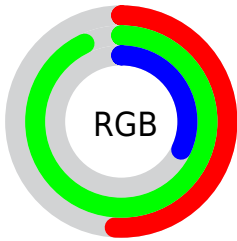
Format	Color
RYB	81, 236, 187
Decimal	8580177
CIELab	84.66, -57.03, 63.27
CIELCh	85, 85.177, 132.031
Yxy	65.3336, 0.3274, 0.5257
Android (android.graphics.Color)	4286770257 (0xFF82EC51)
YUV	186.6360, -52.0785, -49.6698
Hunter-Lab	80.8275, -51.5956, 43.1920

Details

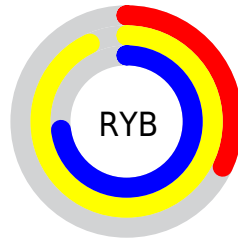
The HunterLab color **80.8275, -51.5956, 43.1920** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **47.4426, 62.1293, -68.8569**, and the grayscale version is **70.5580, -3.7648, 3.8336**.

A 20% lighter version of the original color is **91.7306, -41.3185, 40.5035**, and **57.8799, -43.9796, 34.4698** is the 20% darker color. If you saturate the color by 10%, you get **79.9132, -55.7130, 45.3554**, and if you desaturate by 10%, it is **81.9325, -46.6392, 40.0755**.

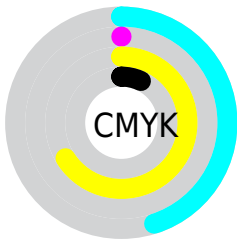
Distribution



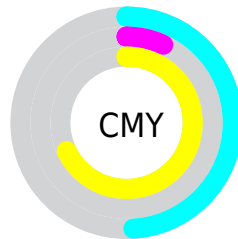
- Red (51%)
- Green (93%)
- Blue (32%)



- Red (32%)
- Yellow (93%)
- Blue (73%)



- Cyan (45%)
- Magenta (0%)
- Yellow (66%)
- Black (7%)



- Cyan (49%)
- Magenta (7%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.8275, -51.5956, 43.1920 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 80.8275, -51.5956, 43.1920 by changing the saturation by 10% instead.

■ 80.8275, -51.5956,
43.1920

■ 80.8275, -51.5956,
43.1920

210.7107,
-80.6334, 75.8664

■ 69.0881, -47.8847,
38.9564

■ 106.0799,
-58.6166, 51.1807

■ 57.9780, -43.9972,
34.5247

■ 119.5374,
-61.9668, 54.9759

■ 47.5369, -39.8914,
29.8684

■ 133.5204,
-65.2317, 58.6615

■ 37.8109, -35.5070,
24.9631

■ 148.0096,
-68.4235, 62.2515

■ 28.8570, -30.7561,
20.1999

162.9881,
-71.5520, 65.7577

■ 20.7487, -25.5047,
14.5241

178.4403,

■ 13.5854, -21.8047,

-74.6255, 69.1901

9.5098

194.3521,
-77.6507, 72.5573

■ 7.1790, -12.5632,
5.0253

0.0000, NaN, NaN

■ 80.8275, -51.5956,
43.1920

■ 80.8275, -51.5956,
43.1920

■ 79.9132, -55.7130,
45.3554

■ 81.9325, -46.6392,
40.0755

■ 79.1764, -59.0001,
46.6331


■ 83.2277, -40.8486,
35.9704


■ 78.6073, -61.5009,
47.1398


■ 84.7167, -34.2530,
30.8706


■ 78.4050, -62.3817,
47.2207

■ 86.3994, -26.8942,
24.7924

 88.2737, -18.8247,
17.7696

 90.3358, -10.1036,
9.8497

 92.5807, -0.7937,
1.0897

 94.0604, 4.8353,
-1.5907

Harmonies

Analogous

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



80.8292, -20.4725, 49.2448



80.8275, -51.5956, 43.1920



80.8292, -67.6913, 24.6953

Triad

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



80.8292, -51.5971, 43.1924



80.8292, -27.7562, -108.1163



80.8292, 90.8159, 18.8319

Complementary

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



80.8275, -51.5956, 43.1920



47.4426, 62.1293, -68.8569

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.



80.8292, 87.7521, -23.0741



80.8275, -51.5956, 43.1920



80.8292, 13.2160, -112.5893

Square

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



80.8292, -51.5971, 43.1924



80.8292, -55.9874, -65.7978



80.8292, 57.1789, -76.0050



80.8292, 64.8505, 40.7887

Rectangle

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



80.8275, -51.5956, 43.1920



80.8292, -70.2336, 1.6297



80.8292, 57.1789, -76.0050



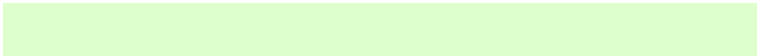
80.8292, 93.2730, 7.0751

Sweetspot

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



80.8292, -51.5971, 43.1924



95.4537, -24.5284, 22.9051



73.4406, 2.3214, 39.0090



43.8962, -12.4909, 11.5877

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.8292, -51.5971, 43.1924



86.9367, -62.2449, 50.1377



79.2821, -57.3002, 36.9412



41.3439, -6.2239, 5.9801



58.2621, -46.0928, 35.0939



16.4777, -12.2814, 9.9385

Inverse Universe

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



47.4426, 62.1293, -68.8569



45.7546, 79.5502, -93.0088



53.1536, 71.0993, -32.2700



38.8088, 2.1112, -1.9022



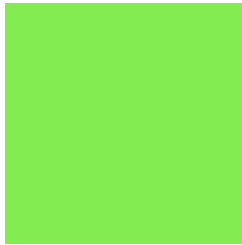
27.5862, 59.3430, -75.9778



8.0530, 17.0460, -20.0285

Previews

White Background



This preview shows how the HunterLab color 80.8275, -51.5956, 43.1920 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 80.8275, -51.5956, 43.1920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

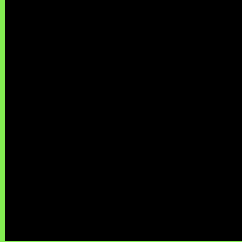
Any Text WCAG AA ✓ Pass

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 80.8275, -51.5956, 43.1920 Background



This preview shows how black text looks on a background with the HunterLab color 80.8275, -51.5956, 43.1920.



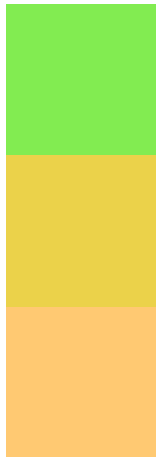
This preview shows how white text looks on a background with the HunterLab color 80.8275,

-51.5956, 43.1920.

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

80.8275, -51.5956, 43.1920

Protanopia

80.1560, -9.9017, 44.4263

Deuteranopia

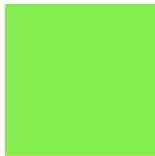
80.1550, 4.8447, 37.7003



Tritanopia

80.6561, -18.9990, -10.0939

Trichromacy



Original Color

80.8275, -51.5956, 43.1920



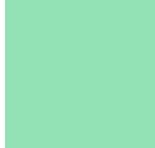
Protanomaly

79.4161, -27.2764, 43.2165



Deuteranomaly

79.2175, -19.1539, 39.0699



Tritanomaly

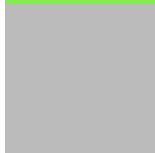
79.9575, -33.7297, 16.2626

Monochromacy



Original Color

80.8275, -51.5956, 43.1920



Achromatopsia

70.4935, -3.7614, 3.8300



Achromatomaly

73.4219, -24.1857, 22.1944

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.8275, -51.5956, 43.1920 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(130, 236, 81)` looks like.

```
.text, #text, p{  
    color:rgb(130, 236, 81)  
}
```

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(130, 236, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 236, 81) }
```

Border

The CSS property to change the border of an element to HunterLab 80.8275, -51.5956, 43.1920 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(130, 236, 81) }
```


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

```
.border{ border-color:rgb(130, 236, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 236, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 236, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 236, 81);  
box-shadow:4px 4px 4px 4px rgb(130, 236,  
81) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.8275, -51.5956, 43.1920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 236, 81) }
```

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

```
.background{ background-color: rgb(130,  
236, 81) }
```

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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