

Converting Colors

HunterLab(80.3243, -35.5636,
30.9818)

Have a look what the booklet for
HunterLab(80.3243, -35.5636,
30.9818) contains.

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Color

**HunterLab(80.4331,
-35.4792, 30.9360)**

Conversions

Conversions Part 1

Format	Color
Hex	A4E38B
RGB	164, 227, 139
RGB Percent	64%, 89%, 55%
CMY	0.3569, 0.1098, 0.4549
CMYK	0.28, 0.00, 0.39, 0.11
HSL	103°, 61%, 72%
HSV	103°, 39%, 89%
XYZ	47.4392, 64.6948, 34.4132
YIQ	198.1310, -9.3000, -40.7240

Conversions

Conversions Part 2

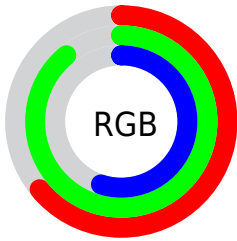
Format	Color
RYB	139, 227, 202
Decimal	10806155
CIELab	84.33, -35.83, 36.74
CIElCh	84, 51.319, 134.277
Yxy	64.6976, 0.3237, 0.4415
Android (android.graphics.Color)	4288996235 (0xFFA4E38B)
YUV	198.1310, -29.1516, -29.9329
Hunter-Lab	80.4331, -35.4792, 30.9360

Details

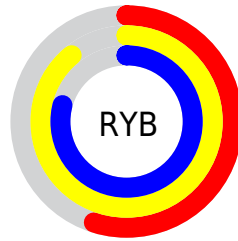
The HunterLab color $80.4331, -35.4792, 30.9360$ is a light color, and the websafe version is hex $99CC66$. A complement of this color would be $60.4730, 34.2549, -33.3919$, and the grayscale version is $75.3274, -4.0193, 4.0927$.

A 20% lighter version of the original color is $95.2588, -25.7817, 26.8448$, and $57.5720, -30.2007, 25.4389$ is the 20% darker color. If you saturate the color by 10%, you get $79.0451, -41.6605, 35.5151$, and if you desaturate by 10%, it is $82.0199, -28.5239, 25.4312$.

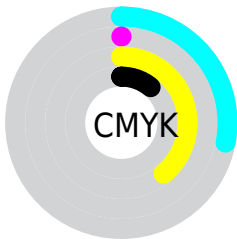
Distribution



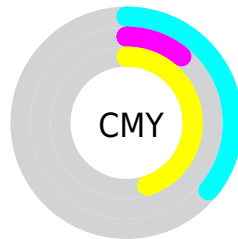
- Red (64%)
- Green (89%)
- Blue (55%)



- Red (55%)
- Yellow (89%)
- Blue (79%)



- Cyan (28%)
- Magenta (0%)
- Yellow (39%)
- Black (11%)



- Cyan (36%)
- Magenta (11%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.4331, -35.4792, 30.9360 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 80.4331, -35.4792, 30.9360 by changing the saturation by 10% instead.

80.4331, -35.4792,
30.9360

80.4331, -35.4792,
30.9360

210.1677,
-55.9302, 52.1027

68.7138, -32.9819,
28.3124

105.6480,
-40.2803, 35.9494

57.6250, -30.3946,
25.5844

119.0880,
-42.6045, 38.3651

47.2066, -27.6943,
22.7265

133.0540,
-44.8901, 40.7339

37.5049, -24.8466,
19.7036

147.5270,
-47.1435, 43.0636

28.5774, -21.7995,
16.4684

162.4897,
-49.3702, 45.3606

20.4983, -18.4708,
13.2970

177.9266,

13.3682, -14.9420,

-51.5745, 47.6299

9.3577

193.8236,
-53.7601, 49.8761

■ 6.9217, -12.1130,
4.8452

0.0000, NaN, NaN

■ 80.4331, -35.4792,
30.9360

■ 80.4331, -35.4792,
30.9360

■ 79.0451, -41.6605,
35.5151

■ 82.0199, -28.5239,
25.4312

■ 77.8504, -47.0229,
39.1541

■ 83.7986, -20.8412,
19.0296

■ 76.8479, -51.5447,
41.8645

■ 85.7676, -12.4926,
11.7770

■ 76.0317, -55.2224,
43.6860

■ 87.9219, -3.5424,
3.7283

■ 75.3926, -58.0779,
44.6941

■ 90.2556, 5.9437,
-5.0556

■ 74.9148, -60.1784,
45.0450

■ 91.3350, 9.7234,
-4.9640

■ 74.8646, -60.3988,
45.0739

Harmonies

Analogous

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



80.4348, -15.9298, 37.5236



80.4331, -35.4792, 30.9360



80.4348, -45.9228, 15.9224

Triad

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



80.4348, -35.4809, 30.9367



80.4348, -17.0428, -54.0218



80.4348, 48.4089, 14.9619

Complementary

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



80.4331, -35.4792, 30.9360



60.4730, 34.2549, -33.3919

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.



80.4348, 48.0146, -9.1797



80.4331, -35.4792, 30.9360



80.4348, 8.0388, -54.5216

Square

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



80.4348, -35.4809, 30.9367



80.4348, -36.2087, -35.0300



80.4348, 32.5085, -36.2374



80.4348, 33.5274, 30.4215

Rectangle

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



80.4331, -35.4792, 30.9360



80.4348, -47.2368, 0.8550



80.4348, 32.5085, -36.2374



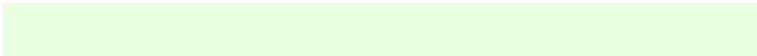
80.4348, 50.1112, 7.7491

Sweetspot

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



80.4348, -35.4809, 30.9367



97.0890, -17.4865, 16.2802



77.3207, -3.4111, 28.8540



44.7798, -8.6741, 8.0413

0.0000, NaN, NaN



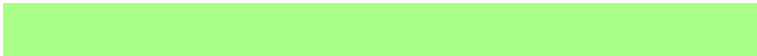
46.2646, -2.4686, 2.5136

Same Dimension

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



80.4348, -35.4809, 30.9367



90.4047, -46.5573, 39.8228



79.2785, -39.2855, 24.4402



40.3564, -6.1709, 5.8006



57.2156, -45.9354, 34.4518



15.7002, -11.8701, 9.4666

Inverse Universe

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



60.4730, 34.2549, -33.3919



63.2100, 49.0475, -48.9323



62.7863, 39.3003, -17.8341



37.9457, 2.1582, -1.8057



27.9425, 59.4275, -71.6728



7.8954, 16.5484, -18.3643

Previews

White Background



This preview shows how the HunterLab color 80.4331, -35.4792, 30.9360 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 80.4331, -35.4792, 30.9360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

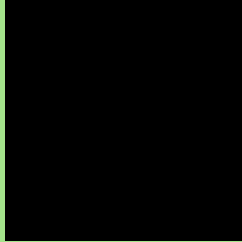
Any Text WCAG AA ✓ Pass

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 80.4331, -35.4792, 30.9360 Background



This preview shows how black text looks on a background with the HunterLab color 80.4331, -35.4792, 30.9360.



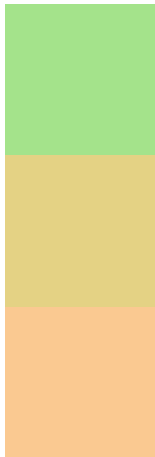
This preview shows how white text looks on a background with the HunterLab color 80.4331,

-35.4792, 30.9360.

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

80.4331, -35.4792, 30.9360

Protanopia

80.1580, -8.4328, 33.0987

Deuteranopia

80.0885, 5.6564, 29.6178



Tritanopia

80.3608, -12.1238, -7.5717

Trichromacy



Original Color

80.4331, -35.4792, 30.9360



Protanomaly

79.9000, -18.9502, 31.8932



Deuteranomaly

79.4584, -10.5146, 29.3873



Tritanomaly

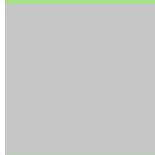
80.1926, -21.5690, 9.0878

Monochromacy



Original Color

80.4331, -35.4792, 30.9360



Achromatopsia

75.1473, -4.0097, 4.0829



Achromatomaly

76.9509, -16.3938, 15.0812

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.4331, -35.4792, 30.9360 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(164, 227, 139)` looks like.

```
.text, #text, p{  
    color:rgb(164, 227, 139)  
}
```

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(164, 227, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 227, 139) }
```

Border

The CSS property to change the border of an element to HunterLab 80.4331, -35.4792, 30.9360 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(164, 227, 139) }
```


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

```
.border{ border-color:rgb(164, 227, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 227, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 227, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 227, 139); box-shadow:4px 4px 4px 4px rgb(164, 227, 139) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.4331, -35.4792, 30.9360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 227, 139) }
```

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

```
.background{ background-color: rgb(164,  
227, 139) }
```

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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