

Converting Colors

HunterLab(80.3120, -28.7703,
37.3841)

Have a look what the booklet for
HunterLab(80.3120, -28.7703,
37.3841) contains.

HunterLab(80.1584, -28.7387, 37.3345)	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(80.1584,
-28.7387, 37.3345)**

Conversions

Conversions Part 1

Format	Color
Hex	BDDE71
RGB	189, 222, 113
RGB Percent	74%, 87%, 44%
CMY	0.2588, 0.1294, 0.5568
CMYK	0.15, 0.00, 0.49, 0.13
HSL	78°, 62%, 66%
HSV	78°, 49%, 87%
XYZ	50.0882, 64.2537, 25.3851
YIQ	199.7070, 15.3210, -40.8950

Conversions

Conversions Part 2

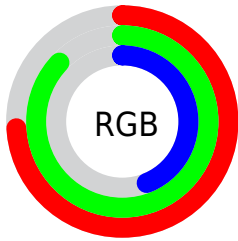
Format	Color
RYB	113, 222, 146
Decimal	12443249
CIELab	84.10, -27.59, 49.49
CIElCh	84, 56.661, 119.143
Yxy	64.2566, 0.3585, 0.4599
Android (android.graphics.Color)	4290633329 (0xFFBDDE71)
YUV	199.7070, -42.7466, -9.3900
Hunter-Lab	80.1584, -28.7387, 37.3345

Details

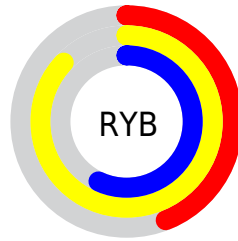
The HunterLab color **80.1584, -28.7387, 37.3345** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **48.1633, 30.4070, -54.8668**, and the grayscale version is **76.0471, -4.0577, 4.1318**.

A 20% lighter version of the original color is **96.9970, -20.5126, 37.0629**, and **57.4828, -24.5387, 30.4373** is the 20% darker color. If you saturate the color by 10%, you get **79.3576, -32.3493, 40.9720**, and if you desaturate by 10%, it is **81.0549, -24.6819, 32.6917**.

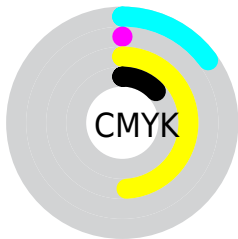
Distribution



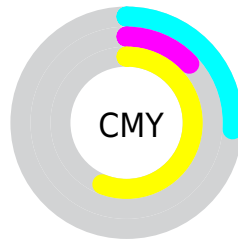
- Red (74%)
- Green (87%)
- Blue (44%)



- Red (44%)
- Yellow (87%)
- Blue (57%)



- Cyan (15%)
- Magenta (0%)
- Yellow (49%)
- Black (13%)





- Cyan (26%)
- Magenta (13%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 80.1584, -28.7387, 37.3345 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 80.1584, -28.7387, 37.3345 by changing the saturation by 10% instead.


 80.1584, -28.7387,
37.3345

 80.1584, -28.7387,
37.3345


209.7893,
-45.9654, 63.9705


 68.4533, -26.6939,
33.9347


 105.3472,
-32.7109, 43.7706

 57.3793, -24.5897,
30.3797


 118.7749,
-34.6508, 46.8429

 46.9767, -22.4109,
26.6384


 132.7292,
-36.5689, 49.8372

 37.2920, -20.1326,
22.6723

147.1907,
-38.4697, 52.7648

 28.3830, -17.7171,
18.5095

162.1424,
-40.3569, 55.6349

 20.3243, -15.1040,
14.2270

177.5687,

 13.2174, -12.1919,

-42.2336, 58.4550

9.2522

193.4553,
-44.1024, 61.2317

■ 6.7365, -11.7889,
4.7155

0.0000, NaN, NaN

■ 80.1584, -28.7387,
37.3345

■ 80.1584, -28.7387,
37.3345

■ 79.3576, -32.3493,
40.9720

■ 81.0549, -24.6819,
32.6917

■ 78.6438, -35.5147,
43.6422


■ 82.0440, -20.1721,
27.0193


■ 78.0144, -38.2533,
45.4063


■ 83.1290, -15.2174,
20.3103

■ 77.4630, -40.5933,
46.3519

■ 84.3104, -9.8285,
12.5698

 76.9785, -42.5946,
46.6438


 85.5885, -4.0203,
3.8136

 76.9367, -42.7668,
46.6593

 86.9625, 2.1893,
-5.9334

 87.9249, 6.0727,
-9.5112

 88.5893, 8.2944,
-8.5845

 89.2733, 10.5646,
-7.6381

Harmonies

Analogous

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



80.1602, -3.4780, 40.4274



80.1584, -28.7387, 37.3345



80.1602, -45.2864, 26.3505

Triad

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



80.1602, -28.7408, 37.3352



80.1602, -29.9533, -52.8808



80.1602, 56.6351, 3.5968

Complementary

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



80.1584, -28.7387, 37.3345



48.1633, 30.4070, -54.8668

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.



80.1602, 47.0941, -26.4281



80.1584, -28.7387, 37.3345



80.1602, -5.0817, -65.1606

Square

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



80.1602, -28.7408, 37.3352



80.1602, -45.9162, -24.6377



80.1602, 23.5153, -54.1389



80.1602, 48.0886, 25.4275

Rectangle

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



80.1584, -28.7387, 37.3345



80.1602, -50.4072, 13.3827



80.1602, 23.5153, -54.1389



80.1602, 55.4177, -5.8435

Sweetspot

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



80.1602, -28.7408, 37.3352



97.7987, -15.3534, 20.3003



60.9831, 20.1375, 22.7400



45.1126, -7.7127, 10.2575

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.1602, -28.7408, 37.3352



92.8175, -37.9906, 48.0688



76.5326, -42.8223, 34.3056



39.7623, -4.7305, 6.0678



59.3447, -32.7561, 35.9945



15.7710, -8.0426, 9.5772

Inverse Universe

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



48.1633, 30.4070, -54.8668



48.7091, 45.4134, -84.3496



54.2151, 46.5839, -41.3576



36.6654, 0.7812, -2.2761



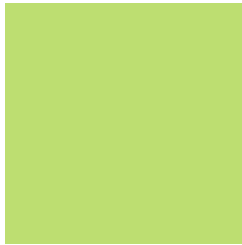
19.7409, 49.6750, -110.2513



5.6209, 13.4889, -26.3121

Previews

White Background



This preview shows how the HunterLab color 80.1584, -28.7387, 37.3345 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 80.1584, -28.7387, 37.3345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

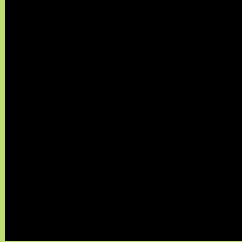
Any Text WCAG AA ✓ Pass

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 80.1584, -28.7387, 37.3345 Background



This preview shows how black text looks on a background with the HunterLab color 80.1584, -28.7387, 37.3345.



This preview shows how white text looks on a background with the HunterLab color 80.1584, -28.7387, 37.3345.

-28.7387, 37.3345.

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

80.1584, -28.7387, 37.3345

Protanopia

79.8085, -8.7883, 38.2755

Deuteranopia

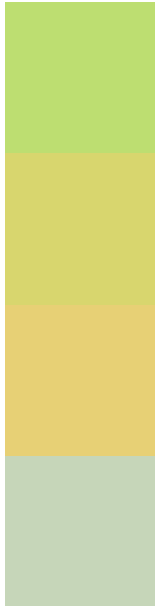
79.9378, 5.7534, 36.4133



Tritanopia

79.8677, -3.0868, -4.2534

Trichromacy



Original Color

80.1584, -28.7387, 37.3345

Protanomaly

79.8861, -16.5048, 37.9879

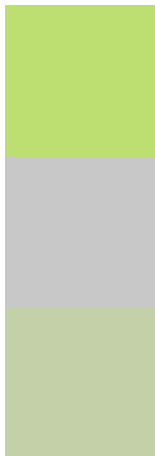
Deuteranomaly

79.6147, -7.6688, 36.3907

Tritanomaly

79.7507, -14.0166, 14.7734

Monochromacy



Original Color

80.1584, -28.7387, 37.3345

Achromatopsia

75.9987, -4.0551, 4.1292

Achromatomaly

77.2494, -14.1319, 18.9201

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.1584, -28.7387, 37.3345 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(189, 222, 113)` looks like.

```
.text, #text, p{  
    color:rgb(189, 222, 113)  
}
```

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(189, 222, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 222, 113) }
```

Border

The CSS property to change the border of an element to HunterLab 80.1584, -28.7387, 37.3345 is called "border". The border property can be set on classes, ids or directly on the HTML element.

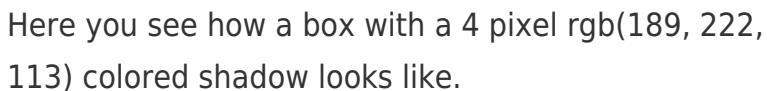
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 222, 113) }
```


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

```
.border{ border-color:rgb(189, 222, 113) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 222, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 222, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 222, 113); box-shadow:4px 4px 4px 4px rgb(189, 222, 113) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.1584, -28.7387, 37.3345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 222, 113) }
```

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

```
.background{ background-color: rgb(189,  
222, 113) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor