

Converting Colors

HunterLab(80.2555, -33.8210,
43.0730)

Have a look what the booklet for
HunterLab(80.2555, -33.8210,
43.0730) contains.

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Color

**HunterLab(80.3192,
-34.0202, 43.1503)**

Conversions

Conversions Part 1

Format	Color
Hex	B7E151
RGB	183, 225, 81
RGB Percent	72%, 88%, 32%
CMY	0.2824, 0.1176, 0.6823
CMYK	0.19, 0.00, 0.64, 0.12
HSL	78°, 71%, 60%
HSV	78°, 64%, 88%
XYZ	47.9388, 64.5117, 17.7100
YIQ	196.0260, 21.1920, -53.6880

Conversions

Conversions Part 2

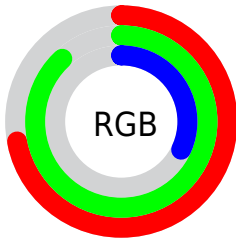
Format	Color
RYB	81, 225, 123
Decimal	12050769
CIELab	84.23, -34.03, 63.64
CIElCh	84, 72.167, 118.136
Yxy	64.5146, 0.3683, 0.4956
Android (android.graphics.Color)	4290240849 (0xFFB7E151)
YUV	196.0260, -56.7078, -11.4238
Hunter-Lab	80.3192, -34.0202, 43.1503

Details

The HunterLab color **80.3192, -34.0202, 43.1503** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **39.4129, 42.9108, -82.1279**, and the grayscale version is **74.5367, -3.9771, 4.0497**.

A 20% lighter version of the original color is **96.0077, -25.1843, 44.3342**, and **57.6389, -29.4159, 34.4976** is the 20% darker color. If you saturate the color by 10%, you get **79.6523, -36.9638, 45.4043**, and if you desaturate by 10%, it is **81.0763, -30.6429, 39.9410**.

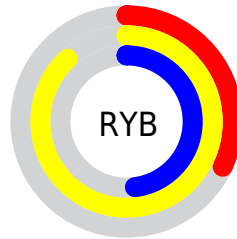
Distribution



Red (72%)

Green (88%)

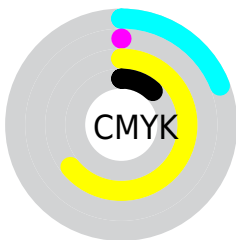
Blue (32%)



Red (32%)

Yellow (88%)

Blue (48%)

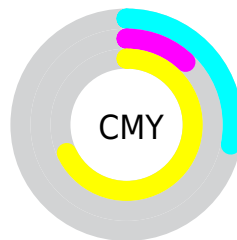


Cyan (19%)

Magenta (0%)

Yellow (64%)

Black (12%)



Cyan (28%)

Magenta (12%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.3192, -34.0202, 43.1503 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 80.3192, -34.0202, 43.1503 by changing the saturation by 10% instead.

■ 80.3192, -34.0202,
43.1503

■ 80.3192, -34.0202,
43.1503

210.0109,
-53.7645, 76.0270

■ 68.6058, -31.6226,
38.8845

■ 105.5233,
-38.6398, 51.1938

■ 57.5231, -29.1412,
34.4203

■ 118.9582,
-40.8798, 55.0138

■ 47.1113, -26.5553,
29.7297

■ 132.9194,
-43.0847, 58.7227

■ 37.4166, -23.8324,
24.7931

■ 147.3876,
-45.2608, 62.3347

■ 28.4968, -20.9236,
19.9478

■ 162.3458,
-47.4131, 65.8617

■ 20.4262, -17.7512,
14.2983

177.7783,

■ 13.3056, -14.3385,

-49.5456, 69.3139

9.3139

193.6709,
-51.6617, 72.6998

■ 6.8456, -11.9798,
4.7919

0.0000, NaN, NaN

■ 80.3192, -34.0202,
43.1503

■ 80.3192, -34.0202,
43.1503

■ 79.6523, -36.9638,
45.4043

■ 81.0763, -30.6429,
39.9410

■ 79.0648, -39.4898,
46.7762

■ 81.9222, -26.8130,
35.7237

■ 78.5511, -41.6368,
47.3735

■ 82.8616, -22.5282,
30.4669

■ 78.2701, -42.7894,
47.4806

■ 83.8964, -17.7906,
24.1548

■ 85.0278, -12.6081,
16.7855

■ 86.2562, -6.9930,
8.3690

■ 87.5814, -0.9614,
-1.0744

■ 88.7817, 4.2805,
-8.3989

■ 89.4221, 6.4352,
-7.5142

Harmonies

Analogous

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



80.3210, -2.0566, 45.9698



80.3192, -34.0202, 43.1503



80.3210, -54.4486, 31.6608

Triad

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



80.3210, -34.0224, 43.1508



80.3210, -37.2543, -72.6799



80.3210, 75.9909, 2.2302

Complementary

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



80.3192, -34.0202, 43.1503



39.4129, 42.9108, -82.1279

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.



80.3210, 62.3243, -38.0366



80.3192, -34.0202, 43.1503



80.3210, -6.4993, -91.4231

Square

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



80.3210, -34.0224, 43.1508



80.3210, -56.0740, -32.6895



80.3210, 30.5154, -76.5967



80.3210, 65.2344, 29.3688

Rectangle

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



80.3192, -34.0202, 43.1503



80.3210, -60.7901, 16.6136



80.3210, 30.5154, -76.5967



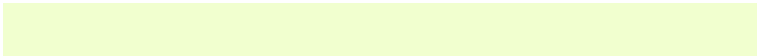
80.3210, 74.0593, -10.1627

Sweetspot

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



80.3210, -34.0224, 43.1508



97.3038, -17.6588, 23.8550



55.2030, 31.0345, 26.1972



44.8458, -8.9550, 12.1426

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.3210, -34.0224, 43.1508



91.5426, -43.6799, 52.9943



76.0957, -50.7851, 39.9347



39.7722, -4.6954, 6.0791



59.4667, -32.2716, 36.0781



15.8000, -7.9287, 9.5971

Inverse Universe

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



39.4129, 42.9108, -82.1279



37.4433, 62.1814, -125.6466



47.7133, 61.4025, -58.0466



36.6552, 0.7465, -2.2899



19.6084, 49.5554, -111.1678



5.5818, 13.4489, -26.5473

Previews

White Background



This preview shows how the HunterLab color 80.3192, -34.0202, 43.1503 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 80.3192, -34.0202, 43.1503 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 80.3192, -34.0202, 43.1503 Background



This preview shows how black text looks on a background with the HunterLab color 80.3192, -34.0202, 43.1503.



This preview shows how white text looks on a background with the HunterLab color 80.3192,

-34.0202, 43.1503.

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

80.3192, -34.0202, 43.1503

Protanopia

80.0759, -10.1344, 43.9663

Deuteranopia

79.8225, 5.1357, 38.1056



Tritanopia

80.2583, -4.8309, -4.3163

Trichromacy



Original Color

80.3192, -34.0202, 43.1503

Protanomaly

79.7484, -19.3636, 43.4429

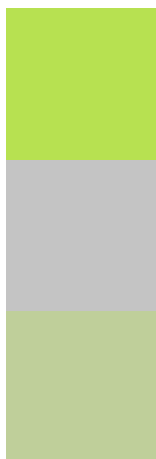
Deuteranomaly

79.4852, -10.1650, 39.8072

Tritanomaly

79.7728, -17.7784, 19.0820

Monochromacy



Original Color

80.3192, -34.0202, 43.1503

Achromatopsia

74.2975, -3.9643, 4.0367

Achromatomaly

76.1808, -17.0245, 22.8507

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.3192, -34.0202, 43.1503 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(183, 225, 81)` looks like.

```
.text, #text, p{  
    color:rgb(183, 225, 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(183, 225, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 225, 81) }
```

Border

The CSS property to change the border of an element to HunterLab 80.3192, -34.0202, 43.1503 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(183, 225, 81) }
```


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

```
.border{ border-color:rgb(183, 225, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 225, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 225, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 225, 81);  
box-shadow:4px 4px 4px 4px rgb(183, 225,  
81) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.3192, -34.0202, 43.1503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 225, 81) }
```

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

```
.background{ background-color: rgb(183,  
225, 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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