

Converting Colors

HunterLab(80.1042, -33.5464,
40.8913)

Have a look what the booklet for
HunterLab(80.1042, -33.5464,
40.8913) contains.

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Color

**HunterLab(79.9645,
-33.3884, 40.8375)**

Conversions

Conversions Part 1

Format	Color
Hex	B5E05E
RGB	181, 224, 94
RGB Percent	71%, 88%, 37%
CMY	0.2902, 0.1215, 0.6314
CMYK	0.19, 0.00, 0.58, 0.12
HSL	80°, 68%, 62%
HSV	80°, 58%, 88%
XYZ	47.7321, 63.9432, 20.4162
YIQ	196.3230, 16.1020, -49.5460

Conversions

Conversions Part 2

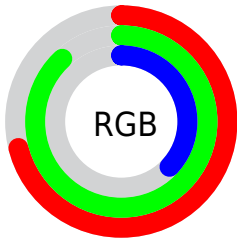
Format	Color
RYB	94, 224, 137
Decimal	11919454
CIELab	83.94, -33.33, 57.83
CIELCh	84, 66.749, 119.957
Yxy	63.9461, 0.3614, 0.4841
Android (android.graphics.Color)	4290109534 (0xFFB5E05E)
YUV	196.3230, -50.4452, -13.4383
Hunter-Lab	79.9645, -33.3884, 40.8375

Details

The HunterLab color **79.9645, -33.3884, 40.8375** 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 **43.2519, 38.9415, -69.3423**, and the grayscale version is **74.6386, -3.9825, 4.0553**.

A 20% lighter version of the original color is **95.9212, -25.1275, 41.3487**, and **57.3375, -28.7529, 32.9315** is the 20% darker color. If you saturate the color by 10%, you get **79.2013, -36.7821, 43.6206**, and if you desaturate by 10%, it is **80.8257, -29.5356, 37.0763**.

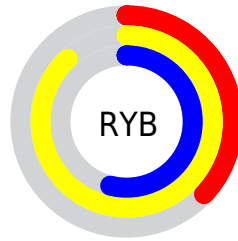
Distribution



Red (71%)

Green (88%)

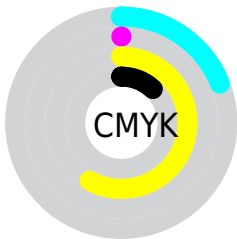
Blue (37%)



Red (37%)

Yellow (88%)

Blue (54%)

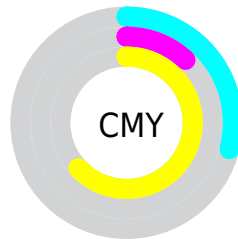


Cyan (19%)

Magenta (0%)

Yellow (58%)

Black (12%)



Cyan (29%)


Magenta (12%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 79.9645, -33.3884, 40.8375 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 79.9645, -33.3884, 40.8375 by changing the saturation by 10% instead.


 79.9645, -33.3884,
40.8375


 79.9645, -33.3884,
40.8375


209.5220,
-52.8643, 71.1543


 68.2693, -31.0274,
36.9223


 105.1348,
-37.9398, 48.2258


 57.2058, -28.5849,
32.8238


 118.5538,
-40.1480, 51.7396

 46.8144, -26.0405,
28.5109

 132.4997,
-42.3224, 55.1554

 37.1418, -23.3621,
23.9514

 146.9532,
-44.4691, 58.4862

 28.2459, -20.5015,
19.6720

161.8971,
-46.5929, 61.7430

 20.2017, -17.3818,
14.1412

177.3158,

 13.1111, -14.0559,

-48.6979, 64.9348

9.1778

193.1951,
-50.7874, 68.0697

■ 6.6025, -11.5543,
4.6217

0.0000, NaN, NaN

■ 79.9645, -33.3884,
40.8375

■ 79.9645, -33.3884,
40.8375

■ 79.2013, -36.7821,
43.6206

■ 80.8257, -29.5356,
37.0763

■ 78.5264, -39.7243,
45.4813


■ 81.7827, -25.2124,
32.2988


■ 77.9357, -42.2427,
46.5043


■ 82.8393, -20.4236,
26.4868

■ 77.4193, -44.3876,
46.8315

■ 83.9965, -15.1776,
19.6363


 77.3233, -44.7841,
46.8622

 85.2549, -9.4880,
11.7560

 86.6141, -3.3725,
2.8655

 88.0733, 3.1486,
-7.0072

 88.9431, 6.3827,
-8.1480

 89.6852, 8.8611,
-7.1255

Harmonies

Analogous

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



79.9663, -4.2242, 44.1076



79.9645, -33.3884, 40.8375



79.9663, -51.8704, 28.9401

Triad

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



79.9663, -33.3905, 40.8381



79.9663, -33.4595, -66.9447



79.9663, 69.0744, 4.3082

Complementary

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



79.9645, -33.3884, 40.8375



43.2519, 38.9415, -69.3423

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.



79.9663, 57.9747, -31.8851



79.9645, -33.3884, 40.8375



79.9663, -4.3179, -81.8844

Square

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



79.9663, -33.3905, 40.8381



79.9663, -51.9055, -31.7751



79.9663, 29.7221, -67.0242



79.9663, 58.0349, 28.8900

Rectangle

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



79.9645, -33.3884, 40.8375



79.9663, -57.3792, 14.1239



79.9663, 29.7221, -67.0242



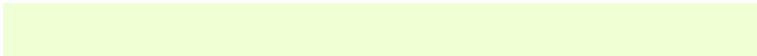
79.9663, 67.7881, -6.8317

Sweetspot

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



79.9663, -33.3905, 40.8381



97.4149, -16.9988, 21.9596



58.3369, 24.7409, 25.6165



44.9378, -8.4571, 10.9573

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



79.9663, -33.3905, 40.8381



91.5303, -43.4911, 51.1508



76.1331, -48.5310, 37.8157



39.7374, -4.8190, 6.0393



59.0464, -33.9459, 35.7898



15.6996, -8.3242, 9.5283

Inverse Universe

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



43.2519, 38.9415, -69.3423



42.0174, 57.0999, -106.6088



50.6864, 56.8259, -50.2680



36.6912, 0.8690, -2.2411



20.0956, 50.0024, -107.8509



5.7231, 13.5949, -25.7116

Previews

White Background



This preview shows how the HunterLab color 79.9645, -33.3884, 40.8375 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 79.9645, -33.3884, 40.8375 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 79.9645, -33.3884, 40.8375 Background



This preview shows how black text looks on a background with the HunterLab color 79.9645, -33.3884, 40.8375.



This preview shows how white text looks on a background with the HunterLab color 79.9645,

-33.3884, 40.8375.

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

79.9645, -33.3884, 40.8375

Protanopia

79.6731, -9.7480, 41.8903

Deuteranopia

79.5190, 5.5785, 38.0978



Tritanopia

79.6929, -5.2112, -5.0522

Trichromacy



Original Color

79.9645, -33.3884, 40.8375

Protanomaly

79.3691, -18.8554, 41.1832

Deuteranomaly

79.1235, -9.7642, 38.7707

Tritanomaly

79.3296, -17.4945, 16.7018

Monochromacy



Original Color

79.9645, -33.3884, 40.8375

Achromatopsia

74.2975, -3.9643, 4.0367

Achromatomaly

75.9751, -15.9180, 20.9394

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 79.9645, -33.3884, 40.8375 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(181, 224, 94)` looks like.

```
.text, #text, p{  
    color:rgb(181, 224, 94)  
}
```

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(181, 224, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 224, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 79.9645, -33.3884, 40.8375 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(181, 224, 94) }
```


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

```
.border{ border-color:rgb(181, 224, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 224, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 224, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 224, 94);  
box-shadow:4px 4px 4px 4px rgb(181, 224,  
94) }
```

Background

The CSS property to change the background color of an element to HunterLab 79.9645, -33.3884, 40.8375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 224, 94) }
```

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

```
.background{ background-color: rgb(181,  
224, 94) }
```

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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