

Converting Colors

HunterLab(80.6335, -19.6492,
20.2717)

Have a look what the booklet for
HunterLab(80.6335, -19.6492,
20.2717) contains.

HunterLab(80.6335, -19.6492, 20.2717)	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(80.6335,
-19.6492, 20.2717)**

Conversions

Conversions Part 1

Format	Color
Hex	C1DBAD
RGB	193, 219, 173
RGB Percent	76%, 86%, 68%
CMY	0.2431, 0.1412, 0.3216
CMYK	0.12, 0.00, 0.21, 0.14
HSL	94°, 39%, 77%
HSV	94°, 21%, 86%
XYZ	54.8667, 65.0176, 49.1930
YIQ	205.9820, -0.7300, -19.8180

Conversions

Conversions Part 2

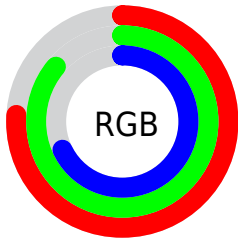
Format	Color
R _{YB}	173, 219, 199
Decimal	12704685
CIE _{Lab}	84.49, -16.84, 19.80
CIE _{LCh}	84, 25.993, 130.385
Yxy	65.0204, 0.3245, 0.3845
Android (android.graphics.Color)	4290894765 (0xFFC1DBAD)
YUV	205.9820, -16.2601, -11.3852
Hunter-Lab	80.6335, -19.6492, 20.2717

Details

The HunterLab color $80.6335, -19.6492, 20.2717$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $68.6626, 13.1659, -15.3327$, and the grayscale version is $78.6240, -4.1952, 4.2718$.

A 20% lighter version of the original color is $98.7427, -11.3203, 16.1360$, and $57.7892, -16.7662, 17.0852$ is the 20% darker color. If you saturate the color by 10%, you get $79.1715, -26.0586, 26.3708$, and if you desaturate by 10%, it is $82.2403, -12.7069, 13.2736$.

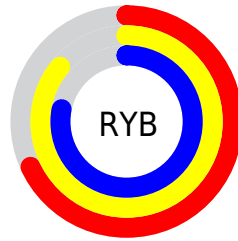
Distribution



Red (76%)

Green (86%)

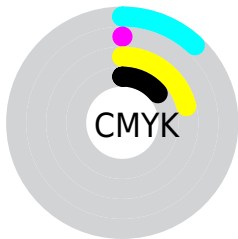
Blue (68%)



Red (68%)

Yellow (86%)

Blue (78%)

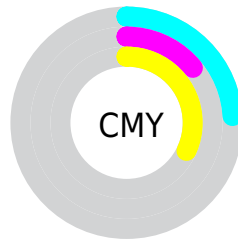


Cyan (12%)

Magenta (0%)

Yellow (21%)

Black (14%)



Cyan (24%)


Magenta (14%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 80.6335, -19.6492, 20.2717 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 80.6335, -19.6492, 20.2717 by changing the saturation by 10% instead.


 80.6335, -19.6492,
20.2717

 80.6335, -19.6492,
20.2717


210.4437,
-32.7615, 34.5726

 68.9040, -18.1778,
18.6265


 105.8675,
-22.5665, 23.4997

 57.8043, -16.6862,
16.9472


119.3164,
-24.0168, 25.0926

 47.3744, -15.1676,
15.2221


133.2910,
-25.4662, 26.6774

 37.6603, -13.6093,
13.4333

147.7723,
-26.9169, 28.2573

 28.7194, -11.9921,
11.5539

162.7430,
-28.3704, 29.8349

 20.6254, -10.2848,
9.5417

178.1877,

 13.4785, -8.4316,

-29.8283, 31.4122

7.8384

194.0922,
-31.2917, 32.9910

■ 7.0537, -10.7806,
4.9376

0.0000, NaN, NaN

■ 80.6335, -19.6492,
20.2717

■ 80.6335, -19.6492,
20.2717

■ 79.1715, -26.0586,
26.3708

■ 82.2403, -12.7069,
13.2736

■ 77.8507, -31.8945,
31.5422

■ 83.9843, -5.2652,
5.4099

■ 76.6731, -37.1301,
35.7751

■ 85.8640, 2.6327,
-3.2744

■ 75.6377, -41.7451,
39.0745

■ 87.6670, 9.8372,
-9.7919

■ 74.7420, -45.7302,
41.4663

■ 88.9531, 14.0682,
-8.0002

■ 73.9813, -49.0897,
43.0020

■ 88.9638, 14.1033,
-7.9854

■ 73.3487, -51.8457,
43.7658

■ 72.8764, -53.8724,
43.9630

Harmonies

Analogous

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



80.6352, -8.6983, 24.1998



80.6335, -19.6492, 20.2717



80.6352, -26.2186, 11.8644

Triad

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



80.6352, -19.6511, 20.2727



80.6352, -12.4089, -20.9441



80.6352, 21.3752, 8.4990

Complementary

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



80.6335, -19.6492, 20.2717



68.6626, 13.1659, -15.3327

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.



80.6352, 20.2275, -3.8781



80.6335, -19.6492, 20.2717



80.6352, 0.1807, -22.2220

Square

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



80.6352, -19.6511, 20.2727



80.6352, -22.2215, -12.3131



80.6352, 12.2782, -15.5725



80.6352, 15.3227, 18.1407

Rectangle

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



80.6335, -19.6492, 20.2717



80.6352, -27.4856, 4.2317



80.6352, 12.2782, -15.5725



80.6352, 21.8274, 4.5464

Sweetspot

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



80.6352, -19.6511, 20.2727



98.7167, -10.7879, 11.2672



76.5540, -1.0132, 16.5343



45.6079, -5.2598, 5.4964

0.0000, NaN, NaN



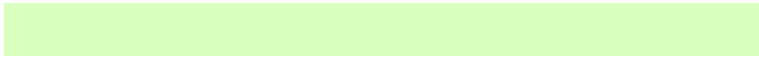
46.2646, -2.4686, 2.5136

Same Dimension

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



80.6352, -19.6511, 20.2727



95.0511, -26.6319, 27.2680



79.1563, -25.0177, 17.8426



38.5768, -5.4094, 5.6547



56.1713, -41.2520, 33.8903



14.4721, -9.7773, 8.7465

Inverse Universe

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



68.6626, 13.1659, -15.3327



78.0821, 19.9606, -23.3751



70.6704, 19.4008, -11.0192



36.0257, 1.5632, -1.8879



23.7282, 53.4157, -83.7384



6.4449, 14.0855, -19.4657

Previews

White Background



This preview shows how the HunterLab color 80.6335, -19.6492, 20.2717 looks on a white background.

Color Contrast Check

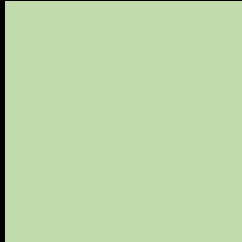
Large Text (above 18pt) WCAG AA × Fail

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 80.6335, -19.6492, 20.2717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

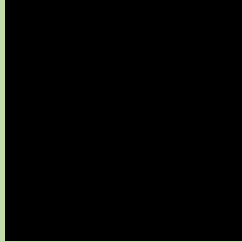
Any Text WCAG AA ✓ Pass

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 80.6335, -19.6492, 20.2717 Background



This preview shows how black text looks on a background with the HunterLab color 80.6335, -19.6492, 20.2717.



This preview shows how white text looks on a background with the HunterLab color 80.6335,

-19.6492, 20.2717.

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

80.6335, -19.6492, 20.2717

Protanopia

80.4026, -6.0802, 21.7576

Deuteranopia

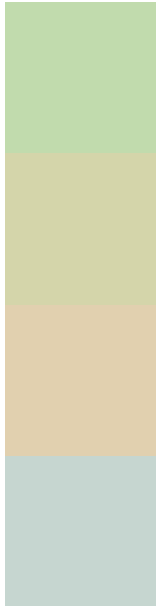
80.2685, 6.1202, 19.2289



Tritanopia

80.3788, -4.3425, -4.6883

Trichromacy



Original Color

80.6335, -19.6492, 20.2717

Protanomaly

80.3043, -11.1630, 21.2094

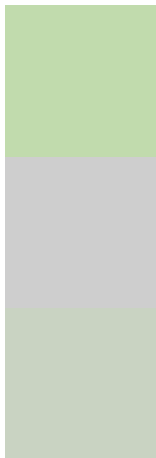
Deuteranomaly

80.1339, -3.5869, 19.3074

Tritanomaly

80.4071, -10.3557, 5.3628

Monochromacy



Original Color

80.6335, -19.6492, 20.2717

Achromatopsia

78.5625, -4.1919, 4.2684

Achromatomaly

79.3102, -10.2370, 10.5361

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.6335, -19.6492, 20.2717 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(193, 219, 173)` looks like.

```
.text, #text, p{  
    color:rgb(193, 219, 173)  
}
```

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(193, 219, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 219, 173) }
```

Border

The CSS property to change the border of an element to HunterLab 80.6335, -19.6492, 20.2717 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(193, 219, 173) }
```


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

```
.border{ border-color:rgb(193, 219, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 219, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 219, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 219, 173); box-shadow:4px 4px 4px 4px rgb(193, 219, 173) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.6335, -19.6492, 20.2717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 219, 173) }
```

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

```
.background{ background-color: rgb(193,  
219, 173) }
```

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