

Converting Colors

HunterLab(80.0519, -4.6169,
18.1049)

Have a look what the booklet for
HunterLab(80.0519, -4.6169,
18.1049) contains.

HunterLab(80.2153, -4.7235, 18.2135)	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(80.2153, -4.7235,
18.2135)**

Conversions

Conversions Part 1

Format	Color
Hex	DED1B2
RGB	222, 209, 178
RGB Percent	87%, 82%, 70%
CMY	0.1294, 0.1804, 0.3020
CMYK	0.00, 0.06, 0.20, 0.13
HSL	42°, 40%, 78%
HSV	42°, 20%, 87%
XYZ	60.9606, 64.3449, 51.3264
YIQ	209.3530, 17.6990, -6.8850

Conversions

Conversions Part 2

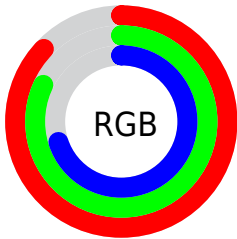
Format	Color
RYB	196, 222, 178
Decimal	14602674
CIELab	84.15, -0.47, 17.01
CIELCh	84, 17.019, 91.573
Yxy	64.3478, 0.3451, 0.3643
Android (android.graphics.Color)	4292792754 (0xFFDED1B2)
YUV	209.3530, -15.4570, 11.0914
Hunter-Lab	80.2153, -4.7235, 18.2135

Details

The HunterLab color $80.2153, -4.7235, 18.2135$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $72.1106, -1.9908, -12.4216$, and the grayscale version is $80.0618, -4.2719, 4.3499$.

A 20% lighter version of the original color is $99.3582, -8.8632, 14.6183$, and $57.5664, -3.5029, 15.4278$ is the 20% darker color. If you saturate the color by 10%, you get $77.7015, -4.2662, 23.8720$, and if you desaturate by 10%, it is $82.8234, -4.8164, 11.7452$.

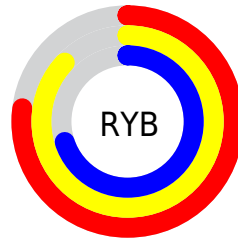
Distribution



Red (87%)

Green (82%)

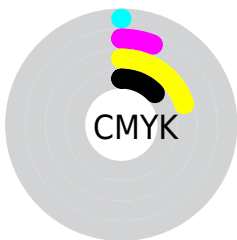
Blue (70%)



Red (77%)

Yellow (87%)

Blue (70%)

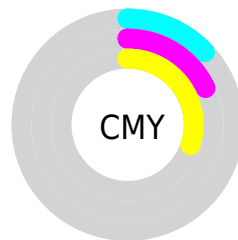


Cyan (0%)

Magenta (6%)

Yellow (20%)

Black (13%)



Cyan (13%)

Magenta (18%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.2153, -4.7235, 18.2135 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 80.2153, -4.7235, 18.2135 by changing the saturation by 10% instead.

■ 80.2153, -4.7235,
18.2135

■ 80.2153, -4.7235,
18.2135

209.8677,
-11.8178, 31.4397

■ 68.5073, -4.0778,
16.7199

■ 105.4095, -6.1136,
21.1642

■ 57.4302, -3.4622,
15.2027

118.8398, -6.8507,
22.6287

■ 47.0243, -2.8809,
13.6527

132.7965, -7.6151,
24.0909

■ 37.3361, -2.3360,
12.0550

147.2604, -8.4060,
25.5534

■ 28.4233, -1.8301,
10.3871

162.2144, -9.2224,
27.0180

■ 20.3603, -1.3665,
8.6129

177.6428,

■ 13.2486, -0.9492,

-10.0637, 28.4865

6.9655

193.5316,
-10.9290, 29.9600

■ 6.7753, -0.6623,
4.7427

0.0000, NaN, NaN

■ 80.2153, -4.7235,
18.2135

■ 80.2153, -4.7235,
18.2135

■ 77.7015, -4.2662,
23.8720

■ 82.8234, -4.8164,
11.7452

■ 75.2802, -3.4251,
28.6783

■ 85.5167, -4.5525,
4.5061

■ 72.9561, -2.1938,
32.6005

■ 88.2935, -3.9504,
-3.4587

■ 70.7319, -0.5683,
35.6151

■ 90.7192, -5.3845,
-6.0249

68.6095, 1.4484,
37.7131

92.8055, -8.8014,
-3.4091

66.5895, 3.8441,
38.9068

94.9198, -12.1908,
-0.8194

64.6706, 6.5932,
39.2410

97.0607, -15.5532,
1.7445

62.8435, 9.6265,
38.8815

97.0926, -15.6027,
1.7822

62.8110, 9.6823,
38.8733

Harmonies

Analogous

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



80.2171, 3.5230, 16.6991



80.2153, -4.7235, 18.2135



80.2171, -12.5398, 16.3475

Triad

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



80.2171, -4.7259, 18.2146



80.2171, -17.5431, -4.0718



80.2171, 10.3680, -3.2703

Complementary

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



80.2153, -4.7235, 18.2135



72.1106, -1.9908, -12.4216

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.



80.2171, 4.3188, -9.8056



80.2153, -4.7235, 18.2135



80.2171, -11.8043, -10.3007

Square

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



80.2171, -4.7259, 18.2146



80.2171, -19.7495, 3.9450



80.2171, -3.8421, -12.4980



80.2171, 12.4488, 4.7856

Rectangle

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



80.2153, -4.7235, 18.2135



80.2171, -16.5093, 13.3123



80.2171, -3.8421, -12.4980



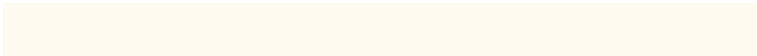
80.2171, 8.7193, -5.7455

Sweetspot

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



80.2171, -4.7259, 18.2146



98.0837, -5.5666, 10.6499



71.5134, 13.3099, 3.3375



45.2825, -2.5829, 5.1810

0.0000, NaN, NaN



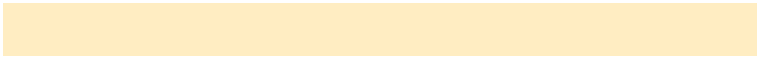
46.2646, -2.4686, 2.5136

Same Dimension

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



80.2171, -4.7259, 18.2146



92.5585, -5.3487, 24.3220



83.4467, -14.1431, 21.2447



39.1281, -2.2711, 5.4226



48.6163, 7.0744, 30.0810



13.3846, 0.7996, 8.2615

Inverse Universe

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



72.1106, -1.9908, -12.4216



81.0479, -1.4104, -19.2930



69.0328, 7.3171, -16.6885



37.2824, -1.6608, -1.5268



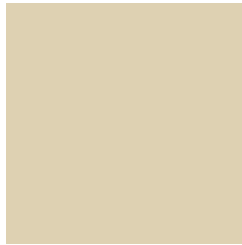
23.6339, 27.0533, -87.9406



7.3458, 4.2536, -18.3639

Previews

White Background



This preview shows how the HunterLab color 80.2153, -4.7235, 18.2135 looks on a white background.

Color Contrast Check

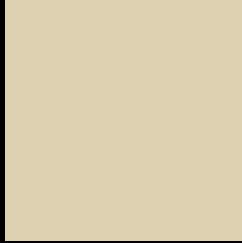
Large Text (above 18pt) WCAG AA × Fail

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 80.2153, -4.7235, 18.2135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

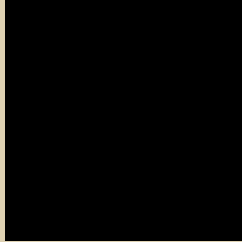
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

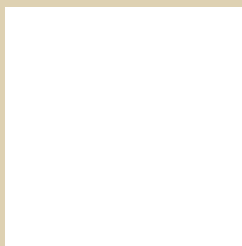
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 80.2153, -4.7235, 18.2135 Background



This preview shows how black text looks on a background with the HunterLab color 80.2153, -4.7235, 18.2135.

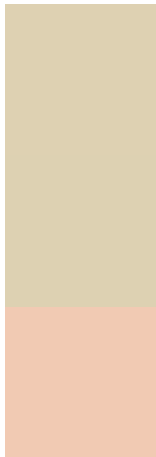


This preview shows how white text looks on a background with the HunterLab color 80.2153, -4.7235, 18.2135.

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

80.2153, -4.7235, 18.2135

Protanopia

80.1171, -5.0658, 18.1089

Deuteranopia

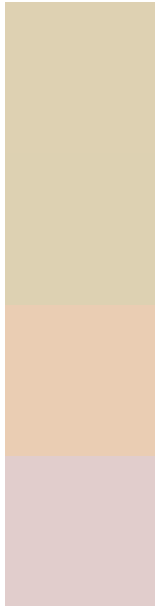
80.1227, 5.7814, 17.9135



Tritanopia

80.0982, 6.5104, -0.1376

Trichromacy



Original Color

80.2153, -4.7235, 18.2135

Protanomaly

80.1171, -5.0658, 18.1089

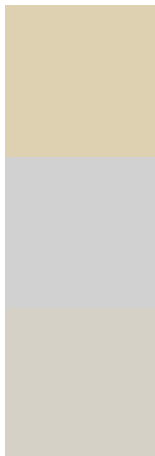
Deuteranomaly

80.2557, 1.6745, 17.9758

Tritanomaly

80.0186, 2.2472, 7.0183

Monochromacy



Original Color

80.2153, -4.7235, 18.2135

Achromatopsia

79.8497, -4.2606, 4.3384

Achromatomaly

79.9839, -4.4519, 9.6044

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.2153, -4.7235, 18.2135 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(222, 209, 178)` looks like.

```
.text, #text, p{  
    color:rgb(222, 209, 178)  
}
```

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(222, 209, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 209, 178) }
```

Border

The CSS property to change the border of an element to HunterLab 80.2153, -4.7235, 18.2135 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(222, 209, 178) }
```


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

```
.border{ border-color:rgb(222, 209, 178) }
```

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

Here you see how a box with a 4 pixel rgb(222, 209, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 209, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 209, 178);  
box-shadow:4px 4px 4px 4px rgb(222, 209,  
178) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.2153, -4.7235, 18.2135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 209, 178) }
```

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

```
.background{ background-color: rgb(222,  
209, 178) }
```

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