

Converting Colors

HunterLab(80.5260, -11.9854,
21.4012)

Have a look what the booklet for
HunterLab(80.5260, -11.9854,
21.4012) contains.

HunterLab(80.5260, -11.9847, 21.4089)	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(80.5260,
-11.9847, 21.4089)**

Conversions

Conversions Part 1

Format	Color
Hex	D3D6AA
RGB	211, 214, 170
RGB Percent	83%, 84%, 67%
CMY	0.1725, 0.1608, 0.3333
CMYK	0.01, 0.00, 0.21, 0.16
HSL	64°, 35%, 75%
HSV	64°, 21%, 84%
XYZ	58.1663, 64.8444, 47.4807
YIQ	208.0870, 12.3360, -14.3200

Conversions

Conversions Part 2

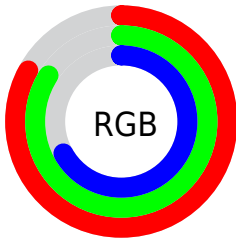
Format	Color
RYB	170, 214, 173
Decimal	13883050
CIELab	84.40, -8.27, 21.45
CIELCh	84, 22.987, 111.093
Yxy	64.8472, 0.3412, 0.3803
Android (android.graphics.Color)	4292073130 (0xFFD3D6AA)
YUV	208.0870, -18.7769, 2.5547
Hunter-Lab	80.5260, -11.9847, 21.4089

Details

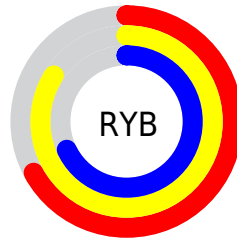
The HunterLab color $80.5260, -11.9847, 21.4089$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $65.1847, 5.7262, -17.6019$, and the grayscale version is $79.5334, -4.2437, 4.3212$.

A 20% lighter version of the original color is $99.1041, -10.2662, 18.2712$, and $57.5953, -9.7418, 17.6756$ is the 20% darker color. If you saturate the color by 10%, you get $79.9295, -15.0657, 28.0204$, and if you desaturate by 10%, it is $81.2041, -8.5004, 13.7305$.

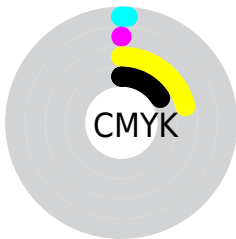
Distribution



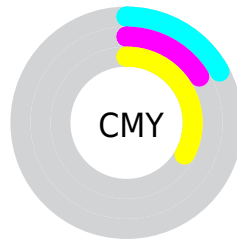
- Red (83%)
- Green (84%)
- Blue (67%)



- Red (67%)
- Yellow (84%)
- Blue (68%)



- Cyan (1%)
- Magenta (0%)
- Yellow (21%)
- Black (16%)



- Cyan (17%)
- Magenta (16%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.5260, -11.9847, 21.4089 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 80.5260, -11.9847, 21.4089 by changing the saturation by 10% instead.

■ 80.5260, -11.9847,
21.4089

■ 80.5260, -11.9847,
21.4089

210.2957,
-21.9127, 36.3539

■ 68.8021, -10.9523,
19.6722

■ 105.7498,
-14.0917, 24.8041

■ 57.7082, -9.9273,
17.8946

119.1939,
-15.1642, 26.4740

■ 47.2844, -8.9089,
16.0630

133.1640,
-16.2511, 28.1323

■ 37.5770, -7.8928,
14.1576

147.6407,
-17.3528, 29.7825

■ 28.6433, -6.8723,
12.1485

162.6072,
-18.4696, 31.4277

■ 20.5572, -5.8357,
9.9897

178.0477,

■ 13.4193, -4.7617,

-19.6018, 33.0700

8.3465

193.9482,
-20.7495, 34.7116

■ 6.9832, -5.5350,
4.8883

0.0000, NaN, NaN

■ 80.5260, -11.9847,
21.4089

■ 80.5260, -11.9847,
21.4089

■ 79.9295, -15.0657,
28.0204

■ 81.2041, -8.5004,
13.7305

■ 79.4070, -17.7408,
33.5764

■ 81.9601, -4.6064,
4.9790

■ 78.9573, -20.0208,
38.1043

■ 82.7970, -0.3091,
-4.8378

■ 78.5770, -21.9198,
41.6442

■ 83.6923, 4.2589,
-15.3774

■ 78.2617, -23.4577,
44.2513

■ 83.8265, 4.7112,
-15.1796

■ 78.0059, -24.6615,
45.9987

■ 83.9616, 5.1660,
-14.9807

■ 77.8029, -25.5674,
46.9828

■ 84.0977, 5.6234,
-14.7807

■ 77.6478, -26.2165,
47.3872

■ 84.2347, 6.0833,
-14.5797

■ 84.3727, 6.5457,
-14.3776

Harmonies

Analogous

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



80.5278, -0.9027, 22.2760



80.5260, -11.9847, 21.4089



80.5278, -20.5511, 16.3352

Triad

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



80.5278, -11.9869, 21.4099



80.5278, -17.5227, -13.4543



80.5278, 18.3545, 1.1107

Complementary

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



80.5260, -11.9847, 21.4089



65.1847, 5.7262, -17.6019

Split Complementary

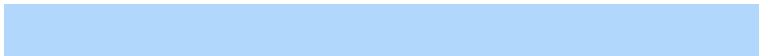
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.5278, 13.3493, -9.7379



80.5260, -11.9847, 21.4089



80.5278, -7.6440, -18.8772

Square

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



80.5278, -11.9869, 21.4099



80.5278, -23.6223, -3.4314



80.5278, 3.6843, -17.4306



80.5278, 17.0332, 11.4857

Rectangle

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



80.5260, -11.9847, 21.4089



80.5278, -23.8788, 10.8091



80.5278, 3.6843, -17.4306



80.5278, 17.3464, -2.6198

Sweetspot

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



80.5278, -11.9869, 21.4099



99.4263, -8.2892, 12.1005



68.6015, 9.8389, 9.5752



45.9713, -3.9787, 5.9207

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.5278, -11.9869, 21.4099



97.8449, -16.4390, 30.0485



78.6295, -18.8564, 19.4440



38.0458, -3.7804, 5.9847



60.3812, -20.3237, 36.8508



14.8737, -4.8237, 9.0807

Inverse Universe

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



65.1847, 5.7262, -17.6019



75.0156, 10.0588, -28.3747



67.2304, 12.4519, -14.4628



34.7114, 0.0402, -2.4168



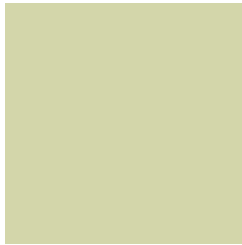
17.3503, 46.6260, -119.8957



4.4283, 11.5805, -28.1214

Previews

White Background



This preview shows how the HunterLab color 80.5260, -11.9847, 21.4089 looks on a white background.

Color Contrast Check

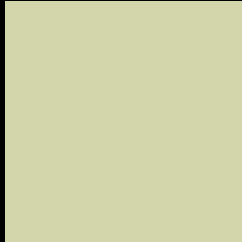
Large Text (above 18pt) WCAG AA × Fail

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 80.5260, -11.9847, 21.4089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

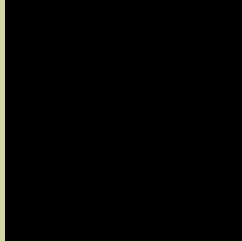
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

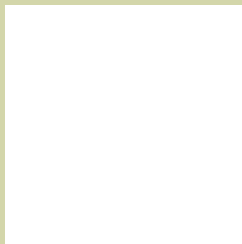
Any Text WCAG AAA ✓ Pass

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

HunterLab 80.5260, -11.9847, 21.4089 Background



This preview shows how black text looks on a background with the HunterLab color 80.5260, -11.9847, 21.4089.



This preview shows how white text looks on a background with the HunterLab color 80.5260, -11.9847, 21.4089.

-11.9847, 21.4089.

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

80.5260, -11.9847, 21.4089

Protanopia

80.4783, -5.8616, 22.1954

Deuteranopia

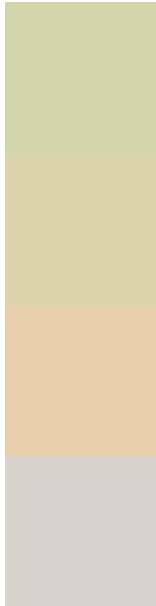
80.2824, 5.9725, 20.7501



Tritanopia

80.5350, 2.1245, -1.7333

Trichromacy



Original Color

80.5260, -11.9847, 21.4089

Protanomaly

80.3201, -7.9540, 21.6455

Deuteranomaly

80.1490, -0.6200, 20.8756

Tritanomaly

80.5605, -3.6722, 7.5332

Monochromacy



Original Color

80.5260, -11.9847, 21.4089

Achromatopsia

79.4202, -4.2377, 4.3151

Achromatomaly

79.7142, -7.2079, 11.0315

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.5260, -11.9847, 21.4089 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(211, 214, 170)` looks like.

```
.text, #text, p{  
    color:rgb(211, 214, 170)  
}
```

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(211, 214, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 214, 170) }
```

Border

The CSS property to change the border of an element to HunterLab 80.5260, -11.9847, 21.4089 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(211, 214, 170) }
```


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

```
.border{ border-color:rgb(211, 214, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 214, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 214, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 214, 170);  
box-shadow:4px 4px 4px 4px rgb(211, 214,  
170) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.5260, -11.9847, 21.4089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 214, 170) }
```

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

```
.background{ background-color: rgb(211,  
214, 170) }
```

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