

Converting Colors

HunterLab(81.6827, -3.5706,
21.9397)

Have a look what the booklet for
HunterLab(81.6827, -3.5706,
21.9397) contains.

HunterLab(81.5819, -3.4031, 21.8458)	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(81.5819, -3.4031,
21.8458)**

Conversions

Conversions Part 1

Format	Color
Hex	E7D3AC
RGB	231, 211, 172
RGB Percent	91%, 83%, 67%
CMY	0.0941, 0.1725, 0.3255
CMYK	0.00, 0.09, 0.26, 0.09
HSL	40°, 55%, 79%
HSV	40°, 26%, 91%
XYZ	63.6957, 66.5561, 48.5192
YIQ	212.5340, 24.4390, -7.8890

Conversions

Conversions Part 2

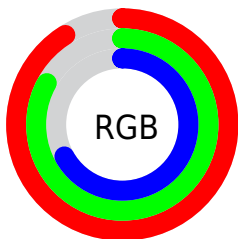
Format	Color
R_{YB}	202, 231, 172
Decimal	15193004
CIE Lab	85.28, 1.00, 21.86
CIE LCh	85, 21.882, 87.385
Yxy	66.5591, 0.3563, 0.3723
Android (android.graphics.Color)	4293383084 (0xFFE7D3AC)
YUV	212.5340, -19.9833, 16.1947
Hunter-Lab	81.5819, -3.4031, 21.8458

Details

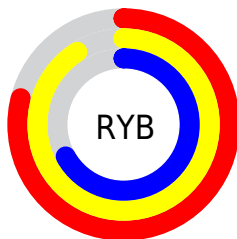
The HunterLab color $81.5819, -3.4031, 21.8458$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $72.2759, -2.2905, -17.5222$, and the grayscale version is $81.4479, -4.3459, 4.4252$.

A 20% lighter version of the original color is $99.1874, -9.8058, 17.0725$, and $58.8081, -2.3661, 18.2810$ is the 20% darker color. If you saturate the color by 10%, you get $78.7093, -2.1925, 27.0743$, and if you desaturate by 10%, it is $84.5638, -4.2279, 15.7925$.

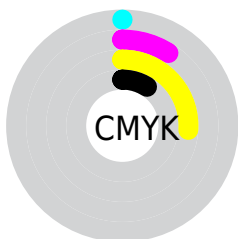
Distribution



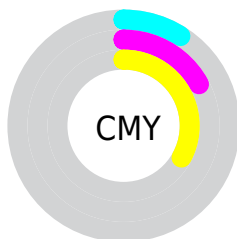
- Red (91%)
- Green (83%)
- Blue (67%)



- Red (79%)
- Yellow (91%)
- Blue (67%)



- Cyan (0%)
- Magenta (9%)
- Yellow (26%)
- Black (9%)



- Cyan (9%)
- Magenta (17%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 81.5819, -3.4031, 21.8458 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 81.5819, -3.4031, 21.8458 by changing the saturation by 10% instead.

■ 81.5819, -3.4031,
21.8458

■ 81.5819, -3.4031,
21.8458

211.7484,
-10.0031, 36.9454

■ 69.8043, -2.8245,
20.0892

■ 106.9057, -4.6688,
25.2790

■ 58.6536, -2.2796,
18.2911

120.3968, -5.3475,
26.9670

■ 48.1695, -1.7735,
16.4385

134.4119, -6.0557,
28.6429

■ 38.3972, -1.3094,
14.5115

148.9322, -6.7923,
30.3102

■ 29.3931, -0.8912,
12.4810

163.9408, -7.5562,
31.9719

■ 21.2293, -0.5242,
10.3017

179.4221, -8.3465,

■ 14.0033, -0.2163,

33.6305

8.4740

195.3623, -9.1624,
35.2877

■ 7.6460, 0.1606,
5.3522

0.0000, NaN, NaN

■ 81.5819, -3.4031,
21.8458

■ 81.5819, -3.4031,
21.8458

■ 78.7093, -2.1925,
27.0743

■ 84.5638, -4.2279,
15.7925

■ 75.9453, -0.5745,
31.4296

■ 87.6445, -4.6759,
8.9596

■ 73.2967, 1.4577,
34.8742

■ 90.8206, -4.7683,
1.3978

■ 70.7676, 3.9071,
37.3810

■ 93.7571, -6.3355,
-2.1661

■ 68.3611, 6.7671,
38.9413

■ 96.2666, -10.4181,
0.8683

■ 66.0790, 10.0185,
39.5753

■ 97.8412, -12.9291,
2.7324

■ 63.9200, 13.6222,
39.3513

■ 62.9907, 15.3009,
39.0824

Harmonies

Analogous

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



81.5837, 7.1666, 19.4196



81.5819, -3.4031, 21.8458



81.5837, -13.7119, 20.1377

Triad

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



81.5837, -3.4057, 21.8469



81.5837, -22.0281, -5.2012



81.5837, 13.9245, -6.9678

Complementary

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



81.5819, -3.4031, 21.8458



72.2759, -2.2905, -17.5222

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.



81.5837, 5.4384, -15.1683



81.5819, -3.4031, 21.8458



81.5837, -15.2754, -14.0585

Square

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



81.5837, -3.4057, 21.8469



81.5837, -24.1255, 5.3390



81.5837, -5.3049, -17.9169



81.5837, 17.4927, 3.5323

Rectangle

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



81.5819, -3.4031, 21.8458



81.5837, -19.1164, 16.7411



81.5837, -5.3049, -17.9169



81.5837, 11.5315, -10.1341

Sweetspot

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



81.5837, -3.4057, 21.8469



97.1715, -5.1434, 12.0145



70.9432, 20.0085, 2.0707



44.7135, -2.3495, 6.1038

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



81.5837, -3.4057, 21.8469



89.4400, -3.1010, 27.8471



86.9966, -16.4290, 26.7191



39.9391, -2.0998, 5.4167



47.4159, 10.9640, 29.4094



13.5340, 1.7594, 8.3704

Inverse Universe

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



72.2759, -2.2905, -17.5222



76.8332, -1.4825, -25.6878



67.1424, 10.6364, -25.2008



38.3164, -1.9267, -1.4047



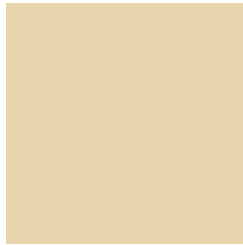
25.5306, 23.3359, -82.2866



8.0546, 3.6869, -18.0266

Previews

White Background



This preview shows how the HunterLab color 81.5819, -3.4031, 21.8458 looks on a white background.

Color Contrast Check

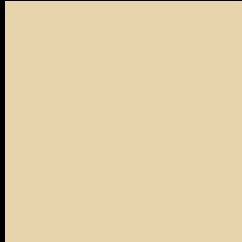
Large Text (above 18pt) WCAG AA × Fail

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 81.5819, -3.4031, 21.8458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

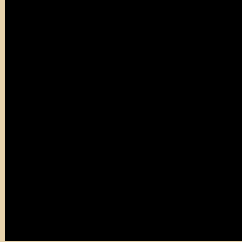
Any Text WCAG AA ✓ Pass

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 81.5819, -3.4031, 21.8458 Background



This preview shows how black text looks on a background with the HunterLab color 81.5819, -3.4031, 21.8458.



This preview shows how white text looks on a background with the HunterLab color 81.5819, -3.4031,

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

81.5819, -3.4031, 21.8458

Protanopia

81.7156, -6.0376, 21.5617

Deuteranopia

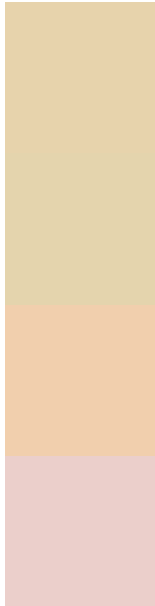
81.5193, 5.6515, 21.5763



Tritanopia

81.4602, 9.5972, 1.0812

Trichromacy



Original Color

81.5819, -3.4031, 21.8458

Protanomaly

81.6076, -4.8361, 21.4783

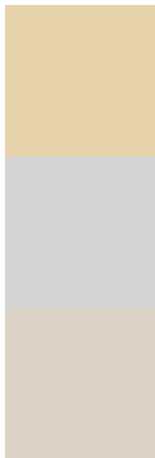
Deuteranomaly

81.4515, 2.3856, 21.4535

Tritanomaly

81.6086, 4.5047, 9.3176

Monochromacy



Original Color

81.5819, -3.4031, 21.8458

Achromatopsia

81.5713, -4.3524, 4.4319

Achromatomaly

81.4738, -4.0017, 11.2546

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 81.5819, -3.4031, 21.8458 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(231, 211, 172)` looks like.

```
.text, #text, p{  
    color:rgb(231, 211, 172)  
}
```

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(231, 211, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 211, 172) }
```

Border

The CSS property to change the border of an element to HunterLab 81.5819, -3.4031, 21.8458 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(231, 211, 172) }
```


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

```
.border{ border-color:rgb(231, 211, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 211, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 211, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 211, 172);  
box-shadow:4px 4px 4px 4px rgb(231, 211,  
172) }
```

Background

The CSS property to change the background color of an element to HunterLab 81.5819, -3.4031, 21.8458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 211, 172) }
```

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

```
.background{ background-color: rgb(231,  
211, 172) }
```

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