

Converting Colors

HunterLab(78.4829, -16.7731,
24.6403)

Have a look what the booklet for
HunterLab(78.4829, -16.7731,
24.6403) contains.

HunterLab(78.4829, -16.7731, 24.6403)	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(78.4829,
-16.7731, 24.6403)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D49B
RGB	199, 212, 155
RGB Percent	78%, 83%, 61%
CMY	0.2196, 0.1686, 0.3921
CMYK	0.06, 0.00, 0.27, 0.17
HSL	74°, 40%, 72%
HSV	74°, 27%, 83%
XYZ	53.0131, 61.5957, 40.1055
YIQ	201.6150, 10.5490, -20.4830

Conversions

Conversions Part 2

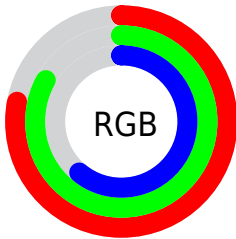
Format	Color
RYB	155, 212, 168
Decimal	13096091
CIELab	82.70, -13.85, 26.80
CIELCh	83, 30.170, 117.320
Yxy	61.5984, 0.3426, 0.3981
Android (android.graphics.Color)	4291286171 (0xFFC7D49B)
YUV	201.6150, -22.9812, -2.2934
Hunter-Lab	78.4829, -16.7731, 24.6403

Details

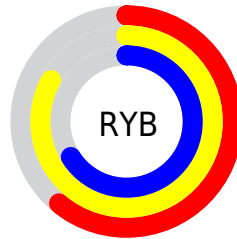
The HunterLab color $78.4829, -16.7731, 24.6403$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $60.4340, 11.6649, -23.6682$, and the grayscale version is $76.7806, -4.0968, 4.1716$.

A 20% lighter version of the original color is $98.7082, -12.4593, 23.9816$, and $55.7790, -13.8268, 20.4890$ is the 20% darker color. If you saturate the color by 10%, you get $77.6507, -20.6653, 30.3203$, and if you desaturate by 10%, it is $79.4019, -12.4807, 17.9595$.

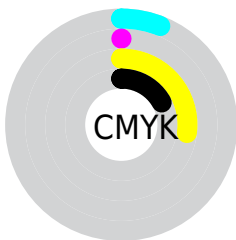
Distribution



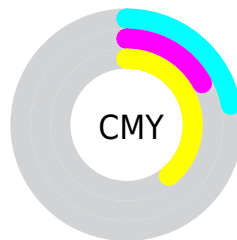
- Red (78%)
- Green (83%)
- Blue (61%)



- Red (61%)
- Yellow (83%)
- Blue (66%)



- Cyan (6%)
- Magenta (0%)
- Yellow (27%)
- Black (17%)



- Cyan (22%)
- Magenta (17%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 78.4829, -16.7731, 24.6403 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 78.4829, -16.7731, 24.6403 by changing the saturation by 10% instead.

■ 78.4829, -16.7731,
24.6403

■ 78.4829, -16.7731,
24.6403

207.4764,
-28.7549, 41.7460

■ 66.8642, -15.4559,
22.5909

■ 103.5108,
-19.4047, 28.6019

■ 55.8817, -14.1273,
20.4759

■ 116.8632,
-20.7212, 30.5315

■ 45.5766, -12.7823,
18.2765

130.7449,
-22.0419, 32.4365

■ 35.9967, -11.4107,
15.9649

145.1365,
-23.3685, 34.3223

■ 27.2018, -9.9966,
13.5010

160.0206,
-24.7022, 36.1930

■ 19.2694, -8.5135,
10.8357

175.3813,

■ 12.3061, -6.9129,

-26.0439, 38.0520

8.6143

191.2043,
-27.3946, 39.9022

■ 5.4666, -9.5666,
3.8266

0.0000, NaN, NaN

■ 78.4829, -16.7731,
24.6403

■ 78.4829, -16.7731,
24.6403

■ 77.6507, -20.6653,
30.3203

■ 79.4019, -12.4807,
17.9595

■ 76.8983, -24.1492,
35.0068

■ 80.4034, -7.7881,
10.2767

■ 76.2252, -27.2304,
38.7237

■ 81.4898, -2.7073,
1.6044

■ 75.6281, -29.9186,
41.5093

■ 82.6609, 2.7486,
-8.0375

■ 75.1027, -32.2307,
43.4198

■ 83.6820, 7.3148,
-15.3385

■ 74.6434, -34.1931,
44.5336

■ 84.1468, 8.8621,
-14.6547

■ 74.2420, -35.8484,
44.9687

■ 84.6222, 10.4359,
-13.9598

■ 74.1240, -36.3296,
45.0388

■ 85.1080, 12.0356,
-13.2540

■ 85.6042, 13.6604,
-12.5378

Harmonies

Analogous

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



78.4846, -2.8631, 26.7051



78.4829, -16.7731, 24.6403



78.4846, -26.6413, 17.4742

Triad

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



78.4846, -16.7752, 24.6412



78.4846, -18.9096, -21.9634



78.4846, 26.1576, 3.0018

Complementary

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



78.4829, -16.7731, 24.6403



60.4340, 11.6649, -23.6682

Split Complementary

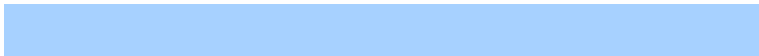
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.4846, 21.1039, -11.7157



78.4829, -16.7731, 24.6403



78.4846, -5.5120, -27.6953

Square

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



78.4846, -16.7752, 24.6412



78.4846, -27.8082, -9.1299



78.4846, 9.2377, -23.6394



78.4846, 22.5958, 15.6613

Rectangle

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



78.4829, -16.7731, 24.6403



78.4846, -29.9617, 9.9601



78.4846, 9.2377, -23.6394



78.4846, 25.4021, -1.8762

Sweetspot

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



78.4846, -16.7752, 24.6412



98.9359, -10.3158, 13.8630



66.4314, 9.9066, 13.4306



45.6832, -5.1897, 7.1060

0.0000, NaN, NaN



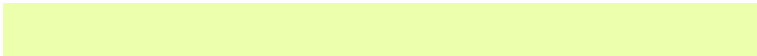
46.2646, -2.4686, 2.5136

Same Dimension

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



78.4846, -16.7752, 24.6412



96.1516, -23.3490, 34.3355



76.2439, -25.0557, 22.4270



37.9084, -4.2652, 5.8286



58.2790, -28.3868, 35.4143



14.4371, -6.4879, 8.7825

Inverse Universe

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



60.4340, 11.6649, -23.6682



69.6199, 18.7006, -37.3433



63.1770, 20.3495, -19.1727



34.8482, 0.5080, -2.2307



18.3452, 47.4125, -112.1429



4.9073, 12.0106, -24.7877

Previews

White Background



This preview shows how the HunterLab color 78.4829, -16.7731, 24.6403 looks on a white background.

Color Contrast Check

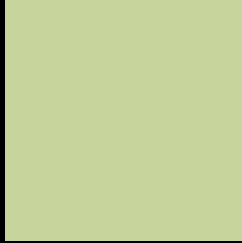
Large Text (above 18pt) WCAG AA × Fail

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 78.4829, -16.7731, 24.6403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

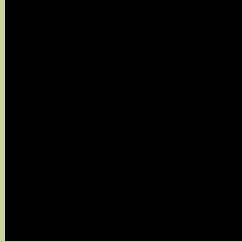
Any Text WCAG AA ✓ Pass

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 78.4829, -16.7731, 24.6403 Background



This preview shows how black text looks on a background with the HunterLab color 78.4829, -16.7731, 24.6403.



This preview shows how white text looks on a background with the HunterLab color 78.4829, -16.7731, 24.6403.

-16.7731, 24.6403.

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

78.4829, -16.7731, 24.6403

Protanopia

78.2955, -6.3429, 25.6393

Deuteranopia

78.1677, 5.7308, 23.7312



Tritanopia

78.5894, -0.0644, -2.6571

Trichromacy



Original Color

78.4829, -16.7731, 24.6403

Protanomaly

78.4588, -10.4757, 25.3885

Deuteranomaly

78.0026, -2.4732, 23.7756

Tritanomaly

78.4795, -6.6624, 8.7872

Monochromacy



Original Color

78.4829, -16.7731, 24.6403

Achromatopsia

76.8517, -4.1006, 4.1755

Achromatomaly

77.5003, -9.1427, 12.4812

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 78.4829, -16.7731, 24.6403 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(199, 212, 155)` looks like.

```
.text, #text, p{  
    color:rgb(199, 212, 155)  
}
```

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(199, 212, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 212, 155) }
```

Border

The CSS property to change the border of an element to HunterLab 78.4829, -16.7731, 24.6403 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(199, 212, 155) }
```


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

```
.border{ border-color:rgb(199, 212, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 212, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 212, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 212, 155);  
box-shadow:4px 4px 4px 4px rgb(199, 212,  
155) }
```

Background

The CSS property to change the background color of an element to HunterLab 78.4829, -16.7731, 24.6403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 212, 155) }
```

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

```
.background{ background-color: rgb(199,  
212, 155) }
```

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