

Converting Colors

HunterLab(77.6316, -16.6478,
25.2640)

Have a look what the booklet for
HunterLab(77.6316, -16.6478,
25.2640) contains.

HunterLab(77.6745, -16.6128, 25.2234)	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(77.6745,
-16.6128, 25.2234)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D297
RGB	198, 210, 151
RGB Percent	78%, 82%, 59%
CMY	0.2235, 0.1765, 0.4078
CMYK	0.06, 0.00, 0.28, 0.18
HSL	72°, 40%, 71%
HSV	72°, 28%, 82%
XYZ	51.9212, 60.3333, 38.1871
YIQ	199.6860, 11.7870, -20.8930

Conversions

Conversions Part 2

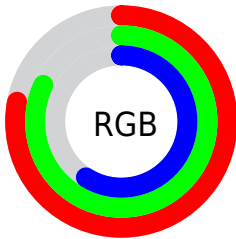
Format	Color
RYB	151, 210, 163
Decimal	13030039
CIELab	82.02, -13.77, 27.96
CIElCh	82, 31.162, 116.215
Yxy	60.3360, 0.3451, 0.4010
Android (android.graphics.Color)	4291220119 (0xFFC6D297)
YUV	199.6860, -24.0022, -1.4786
Hunter-Lab	77.6745, -16.6128, 25.2234

Details

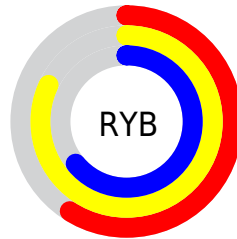
The HunterLab color $77.6745, -16.6128, 25.2234$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $58.8001, 11.8681, -25.0440$, and the grayscale version is $75.9618, -4.0531, 4.1271$.

A 20% lighter version of the original color is $98.6084, -13.0136, 25.4247$, and $55.3411, -13.9839, 20.9392$ is the 20% darker color. If you saturate the color by 10%, you get $76.9030, -20.2531, 30.7501$, and if you desaturate by 10%, it is $78.5296, -12.5795, 18.7009$.

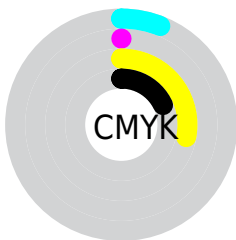
Distribution



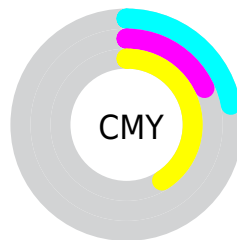
- Red (78%)
- Green (82%)
- Blue (59%)



- Red (59%)
- Yellow (82%)
- Blue (64%)



- Cyan (6%)
- Magenta (0%)
- Yellow (28%)
- Black (18%)





- Cyan (22%)
- Magenta (18%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 77.6745, -16.6128, 25.2234 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 77.6745, -16.6128, 25.2234 by changing the saturation by 10% instead.


 77.6745, -16.6128,
25.2234


 77.6745, -16.6128,
25.2234


206.3577,
-28.5608, 42.8122

 66.0980, -15.2994,
23.1027


 102.6240,
-19.2367, 29.3131

 55.1602, -13.9744,
20.9102


 115.9397,
-20.5494, 31.3011

 44.9027, -12.6329,
18.6257


129.7861,
-21.8663, 33.2614

 35.3740, -11.2643,
16.2194

144.1437,
-23.1891, 35.1997

 26.6350, -9.8523,
13.6486

158.9948,
-24.5190, 37.1205

 18.7646, -8.3697,
10.9241

174.3236,

 11.8721, -6.7661,

-25.8571, 39.0276

8.3104

190.1157,
-27.2041, 40.9239

■ 4.7295, -8.2765,
3.3106

0.0000, NaN, NaN

■ 77.6745, -16.6128,
25.2234

■ 77.6745, -16.6128,
25.2234

■ 76.9030, -20.2531,
30.7501

■ 78.5296, -12.5795,
18.7009

■ 76.2082, -23.4945,
35.2915

■ 79.4646, -8.1512,
11.1784

■ 75.5892, -26.3444,
38.8747

■ 80.4817, -3.3380,
2.6653

■ 75.0425, -28.8145,
41.5409

■ 81.5813, 1.8489,
-6.8212

■ 74.5637, -30.9236,
43.3492

■ 82.7238, 7.1864,
-16.7076

■ 74.1470, -32.7000,
44.3812

■ 83.1294, 8.5372,
-16.1032

■ 73.7830, -34.1944,
44.7738

■ 83.5433, 9.9090,
-15.4898

■ 73.7167, -34.4643,
44.8205

■ 83.9655, 11.3014,
-14.8677

■ 84.3958, 12.7140,
-14.2372

Harmonies

Analogous

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



77.6762, -2.2146, 27.1265



77.6745, -16.6128, 25.2234



77.6762, -26.9293, 18.1256

Triad

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



77.6762, -16.6149, 25.2243



77.6762, -19.7080, -22.5405



77.6762, 27.1416, 2.3747

Complementary

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



77.6745, -16.6128, 25.2234



58.8001, 11.8681, -25.0440

Split Complementary

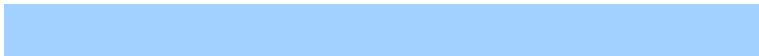
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.6762, 21.6031, -12.8326



77.6745, -16.6128, 25.2234



77.6762, -6.0642, -28.8554

Square

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



77.6762, -16.6149, 25.2243



77.6762, -28.6165, -9.0507



77.6762, 9.1568, -25.0015



77.6762, 23.7811, 15.5107

Rectangle

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



77.6745, -16.6128, 25.2234



77.6762, -30.4887, 10.5515



77.6762, 9.1568, -25.0015



77.6762, 26.2485, -2.6761

Sweetspot

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



77.6762, -16.6149, 25.2243



98.9830, -10.1495, 13.9174



64.8546, 10.9861, 13.3886



45.7091, -5.0983, 7.1354

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.6762, -16.6149, 25.2243



96.1379, -23.6013, 35.8892



75.3209, -25.3278, 22.9215



36.9745, -4.0795, 5.6953



57.6101, -26.7693, 35.0304



13.7375, -5.8846, 8.3620

Inverse Universe

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



58.8001, 11.8681, -25.0440



67.6519, 19.7172, -40.8822



61.6713, 20.9206, -20.2538



33.9586, 0.4174, -2.1903



17.8397, 46.4609, -111.8024



4.6073, 11.3346, -23.7241

Previews

White Background



This preview shows how the HunterLab color 77.6745, -16.6128, 25.2234 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 77.6745, -16.6128, 25.2234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

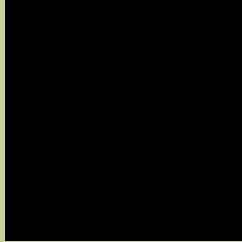
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

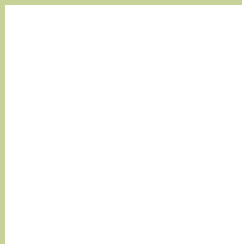
Any Text WCAG AAA ✓ Pass

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

HunterLab 77.6745, -16.6128, 25.2234 Background



This preview shows how black text looks on a background with the HunterLab color 77.6745, -16.6128, 25.2234.



This preview shows how white text looks on a background with the HunterLab color 77.6745,

-16.6128, 25.2234.

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

77.6745, -16.6128, 25.2234

Protanopia

77.7071, -7.0023, 26.3834

Deuteranopia

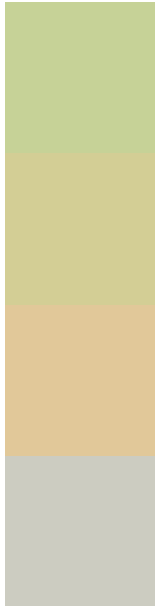
77.3877, 5.9250, 24.3673



Tritanopia

77.4909, 0.6269, -2.4664

Trichromacy



Original Color

77.6745, -16.6128, 25.2234

Protanomaly

77.5638, -10.6361, 25.8734

Deuteranomaly

77.2114, -2.2926, 24.3952

Tritanomaly

77.3779, -5.9495, 8.9173

Monochromacy



Original Color

77.6745, -16.6128, 25.2234

Achromatopsia

75.9987, -4.0551, 4.1292

Achromatomaly

76.6193, -9.2363, 12.8044

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.6745, -16.6128, 25.2234 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(198, 210, 151)` looks like.

```
.text, #text, p{  
    color:rgb(198, 210, 151)  
}
```

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(198, 210, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 210, 151) }
```

Border

The CSS property to change the border of an element to HunterLab 77.6745, -16.6128, 25.2234 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(198, 210, 151) }
```


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

```
.border{ border-color:rgb(198, 210, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 210, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 210, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 210, 151);  
box-shadow:4px 4px 4px 4px rgb(198, 210,  
151) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.6745, -16.6128, 25.2234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 210, 151) }
```

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

```
.background{ background-color: rgb(198,  
210, 151) }
```

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