

Converting Colors

HunterLab(77.5175, -17.1012,
31.8638)

Have a look what the booklet for
HunterLab(77.5175, -17.1012,
31.8638) contains.

HunterLab(77.3666, -16.9739, 31.7253)	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(77.3666,
-16.9739, 31.7253)**

Conversions

Conversions Part 1

Format	Color
Hex	CBD180
RGB	203, 209, 128
RGB Percent	80%, 82%, 50%
CMY	0.2039, 0.1804, 0.4980
CMYK	0.03, 0.00, 0.39, 0.18
HSL	64°, 47%, 66%
HSV	64°, 39%, 82%
XYZ	51.3253, 59.8559, 29.2703
YIQ	197.9720, 22.4250, -26.4630

Conversions

Conversions Part 2

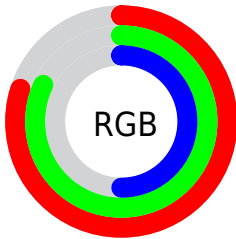
Format	Color
R_{YB}	128, 209, 134
Decimal	13357440
CIE _{Lab}	81.76, -14.22, 39.47
CIE _{LCh}	82, 41.957, 109.809
Yxy	59.8586, 0.3654, 0.4262
Android (android.graphics.Color)	4291547520 (0xFFCBD180)
YUV	197.9720, -34.4962, 4.4096
Hunter-Lab	77.3666, -16.9739, 31.7253

Details

The HunterLab color $77.3666, -16.9739, 31.7253$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $50.1115, 15.8235, -40.2188$, and the grayscale version is $75.2721, -4.0163, 4.0897$.

A 20% lighter version of the original color is $98.0599, -16.0706, 33.3842$, and $55.0222, -14.2974, 26.0883$ is the 20% darker color. If you saturate the color by 10%, you get $76.9072, -19.3055, 36.3067$, and if you desaturate by 10%, it is $77.9009, -14.2616, 26.1426$.

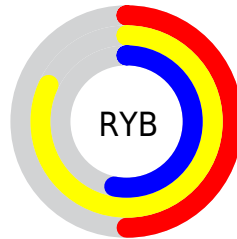
Distribution



Red (80%)

Green (82%)

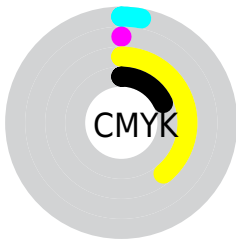
Blue (50%)



Red (50%)

Yellow (82%)

Blue (53%)

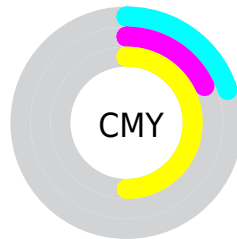


Cyan (3%)

Magenta (0%)

Yellow (39%)

Black (18%)



Cyan (20%)

Magenta (18%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.3666, -16.9739, 31.7253 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 77.3666, -16.9739, 31.7253 by changing the saturation by 10% instead.

■ 77.3666, -16.9739,
31.7253

■ 77.3666, -16.9739,
31.7253

205.9312,
-29.0916, 54.1521

■ 65.8063, -15.6368,
28.9107

■ 102.2861,
-19.6417, 37.0790

■ 54.8856, -14.2863,
25.9740

■ 115.5878,
-20.9746, 39.6482

■ 44.6463, -12.9170,
22.8859

■ 129.4207,
-22.3108, 42.1614

■ 35.1373, -11.5179,
19.6071

143.7653,
-23.6521, 44.6278

■ 26.4196, -10.0717,
16.0868

158.6038,
-24.9999, 47.0544

■ 18.5730, -8.5496,
13.0011

173.9204,

■ 11.7077, -6.8979,

-26.3551, 49.4475

8.1954

189.7006,
-27.7188, 51.8119

■ 4.4157, -7.7275,
3.0910

0.0000, NaN, NaN

■ 77.3666, -16.9739,
31.7253

■ 77.3666, -16.9739,
31.7253

■ 76.9072, -19.3055,
36.3067

■ 77.9009, -14.2616,
26.1426

■ 76.5143, -21.2617,
39.9204

■ 78.5076, -11.1543,
19.5334

■ 76.1855, -22.8628,
42.6173

■ 79.1903, -7.6516,
11.8868

■ 75.9158, -24.1333,
44.4645

■ 79.9508, -3.7548,
3.2022

■ 75.6989, -25.1062,
45.5501

■ 80.7899, 0.5314,
-6.5119

■ 75.5244, -25.8396,
46.0268

■ 81.7083, 5.1988,
-17.2385

■ 75.5038, -25.9248,
46.0712

■ 81.9125, 6.0092,
-17.8998

■ 82.0552, 6.4872,
-17.6843

■ 82.1991, 6.9680,
-17.4677

Harmonies

Analogous

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



77.3683, 2.9279, 32.6619



77.3666, -16.9739, 31.7253



77.3683, -31.8634, 24.6219

Triad

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



77.3683, -16.9762, 31.7261



77.3683, -27.8443, -30.0418



77.3683, 38.3632, -2.6828

Complementary

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



77.3666, -16.9739, 31.7253



50.1115, 15.8235, -40.2188

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.



77.3683, 28.1550, -23.9323



77.3666, -16.9739, 31.7253



77.3683, -10.9482, -42.2266

Square

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



77.3683, -16.9762, 31.7261



77.3683, -37.6734, -9.5246



77.3683, 9.6082, -39.7396



77.3683, 36.3200, 15.8149

Rectangle

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



77.3666, -16.9739, 31.7253



77.3683, -37.5998, 16.0106



77.3683, 9.6082, -39.7396



77.3683, 36.2130, -9.8000

Sweetspot

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



77.3683, -16.9762, 31.7261



98.8715, -11.1209, 18.2696



56.5687, 22.9164, 13.8532



45.6897, -5.4161, 9.0453

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.3683, -16.9762, 31.7261



96.3779, -23.8469, 44.8351



74.1347, -29.0336, 28.8398



37.0826, -3.6979, 5.8182



59.3013, -20.2961, 36.1859



14.0708, -4.6171, 8.5896

Inverse Universe

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



50.1115, 15.8235, -40.2188



55.2470, 26.8777, -67.0177



53.8798, 27.1721, -32.7063



33.8511, 0.0498, -2.3365



17.0880, 45.8734, -117.7137



4.2216, 10.9888, -26.4125

Previews

White Background



This preview shows how the HunterLab color 77.3666, -16.9739, 31.7253 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 77.3666, -16.9739, 31.7253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

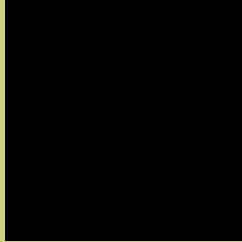
Any Text WCAG AA ✓ Pass

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 77.3666, -16.9739, 31.7253 Background



This preview shows how black text looks on a background with the HunterLab color 77.3666, -16.9739, 31.7253.



This preview shows how white text looks on a background with the HunterLab color 77.3666,

-16.9739, 31.7253.

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

77.3666, -16.9739, 31.7253

Protanopia

77.2967, -7.6905, 32.3548

Deuteranopia

77.1073, 5.5725, 31.0997



Tritanopia

77.3615, 3.0620, -1.0338

Trichromacy



Original Color

77.3666, -16.9739, 31.7253

Protanomaly

77.2282, -11.0624, 31.9791

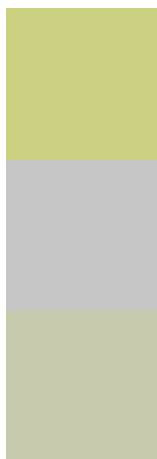
Deuteranomaly

76.8873, -2.7665, 31.0436

Tritanomaly

77.2568, -5.3559, 13.1303

Monochromacy



Original Color

77.3666, -16.9739, 31.7253

Achromatopsia

75.1473, -4.0097, 4.0829

Achromatomaly

75.8535, -9.2401, 15.6766

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.3666, -16.9739, 31.7253 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(203, 209, 128)` looks like.

```
.text, #text, p{  
    color:rgb(203, 209, 128)  
}
```

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(203, 209, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 209, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 77.3666, -16.9739, 31.7253 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(203, 209, 128) }
```


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

```
.border{ border-color:rgb(203, 209, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 209, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 209, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 209, 128);  
box-shadow:4px 4px 4px 4px rgb(203, 209,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.3666, -16.9739, 31.7253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 209, 128) }
```

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

```
.background{ background-color: rgb(203,  
209, 128) }
```

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