

Converting Colors

HunterLab(63.3756, -17.3853,
38.7474)

Have a look what the booklet for
HunterLab(63.3756, -17.3853,
38.7474) contains.

HunterLab(63.3756, -17.3853, 38.7474)	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(63.3756,
-17.3853, 38.7474)**

Conversions

Conversions Part 1

Format	Color
Hex	AFB000
RGB	175, 176, 0
RGB Percent	69%, 69%, 0%
CMY	0.3137, 0.3098, 0.9999
CMYK	0.01, 0.00, 1.00, 0.31
HSL	60°, 100%, 35%
HSV	60°, 100%, 69%
XYZ	33.2046, 40.1647, 6.0025
YIQ	155.6370, 55.9000, -54.9480

Conversions

Conversions Part 2

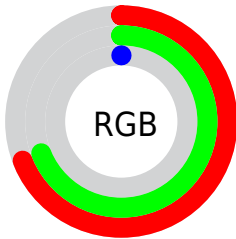
Format	Color
RYB	0, 176, 1
Decimal	11513856
CIELab	69.59, -16.76, 71.44
CIELCh	70, 73.385, 103.205
Yxy	40.1665, 0.4183, 0.5060
Android (android.graphics.Color)	4289703936 (0xFFAFB000)
YUV	155.6370, -76.7290, 16.9814
Hunter-Lab	63.3756, -17.3853, 38.7474

Details

The HunterLab color $63.3756, -17.3853, 38.7474$ is a dark color, and the websafe version is hex `CCCC33`. A complement of this color would be $17.7250, 48.0343, -125.6388$, and the grayscale version is $57.7989, -3.0840, 3.1403$.

A 20% lighter version of the original color is $86.7147, -20.2496, 48.1505$, and $42.7397, -13.4891, 26.0999$ is the 20% darker color. If you saturate the color by 10%, you get $63.3770, -17.3877, 38.7482$, and if you desaturate by 10%, it is $63.4197, -17.1631, 38.2587$.

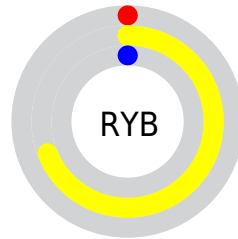
Distribution



Red (69%)

Green (69%)

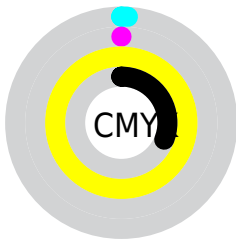
Blue (0%)



Red (0%)

Yellow (69%)

Blue (0%)

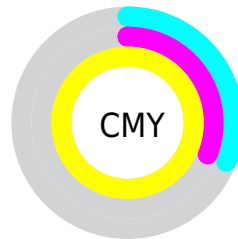


Cyan (1%)

Magenta (0%)

Yellow (100%)

Black (31%)



Cyan (31%)

Magenta (31%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.3756, -17.3853, 38.7474 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 63.3756, -17.3853, 38.7474 by changing the saturation by 10% instead.

■ 63.3756, -17.3853,
38.7474

■ 63.3756, -17.3853,
38.7474

186.2324,
-30.4810, 76.7474

■ 52.6008, -15.8884,
33.6890

■ 86.8430, -20.3274,
48.2173

■ 42.5157, -14.3570,
28.3908

■ 99.4677, -21.7808,
52.6752

■ 33.1730, -12.7779,
23.2211

■ 112.6510,
-23.2291, 56.9781

■ 24.6370, -11.1273,
17.2459

■ 126.3702,
-24.6753, 61.1449

■ 16.9929, -9.3645,
11.8950

■ 140.6052,
-26.1219, 65.1922

■ 10.3602, -7.7990,
7.2521

■ 155.3378,

0.0000, NaN, NaN

-27.5707, 69.1339

0.0000, NaN, NaN

170.5518,
-29.0233, 72.9822

0.0000, NaN, NaN

■ 63.3756, -17.3853,
38.7474

■ 63.3756, -17.3853,
38.7474

■ 63.3770, -17.3877,
38.7482

■ 63.4197, -17.1631,
38.2587

■ 63.4921, -16.7694,
37.3292

■ 63.6057, -16.1420,
35.7917

■ 63.7657, -15.2529,
33.5727

■ 63.9763, -14.0801,
30.6152

■ 64.2411, -12.6067,
26.8750

■ 64.5630, -10.8203,
22.3189

■ 64.9443, -8.7120,
16.9242

■ 65.3871, -6.2768,
10.6771

Harmonies

Analogous

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



63.3771, 16.2414, 38.4804



63.3756, -17.3853, 38.7474



63.3771, -41.6037, 33.7630

Triad

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



63.3771, -17.3875, 38.7478



63.3771, -43.7026, -54.1815



63.3771, 70.4860, -16.8428

Complementary

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



63.3756, -17.3853, 38.7474



17.7250, 48.0343, -125.6388

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.



63.3771, 46.7987, -59.1190



63.3756, -17.3853, 38.7474



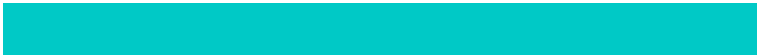
63.3771, -20.8802, -87.2230

Square

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



63.3771, -17.3875, 38.7478



63.3771, -54.5381, -12.1386



63.3771, 11.9497, -89.3907



63.3771, 71.9640, 15.8699

Rectangle

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



63.3756, -17.3853, 38.7474



63.3771, -51.0939, 25.2585



63.3771, 11.9497, -89.3907



63.3771, 64.6643, -30.6962

Sweetspot

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



63.3771, -17.3875, 38.7478



86.9207, -14.7111, 30.4131



30.3827, 52.0283, 19.6316



40.3775, -7.3285, 15.3836



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



63.3771, -17.3875, 38.7478



85.3467, -23.4238, 52.1802



57.5568, -40.0884, 34.7639



31.4709, -2.9368, 4.9237



54.2863, -14.8902, 33.1903



9.6335, -2.6261, 5.8901

Inverse Universe

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



17.7250, 48.0343, -125.6388



23.8612, 64.6881, -169.2691



22.8263, 52.8194, -91.7046



28.6922, -0.1534, -1.9668



15.1840, 41.1495, -107.6010



2.7075, 7.3093, -18.9687

Previews

White Background



This preview shows how the HunterLab color 63.3756, -17.3853, 38.7474 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 63.3756, -17.3853, 38.7474 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 63.3756, -17.3853, 38.7474 Background



This preview shows how black text looks on a background with the HunterLab color 63.3756, -17.3853, 38.7474.



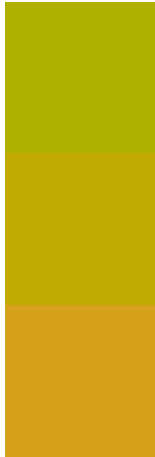
This preview shows how white text looks on a background with the HunterLab color 63.3756,

-17.3853, 38.7474.

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

63.3756, -17.3853, 38.7474

Protanopia

63.2107, -8.6397, 38.7989

Deuteranopia

63.1387, 4.4977, 38.0108



Tritanopia

63.4431, 6.0333, 0.8135

Trichromacy



Original Color

63.3756, -17.3853, 38.7474

Protanomaly

63.2014, -11.7455, 38.7388

Deuteranomaly

62.9224, -3.5720, 38.2102

Tritanomaly

62.6438, -5.7480, 23.9916

Monochromacy



Original Color

63.3756, -17.3853, 38.7474

Achromatopsia

57.6586, -3.0765, 3.1327

Achromatomaly

59.0608, -11.3162, 24.3447

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.3756, -17.3853, 38.7474 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(175, 176, 0)` looks like.

```
.text, #text, p{  
    color:rgb(175, 176, 0)  
}
```

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(175, 176, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 176, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 63.3756, -17.3853, 38.7474 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(175, 176, 0) }
```


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

```
.border{ border-color:rgb(175, 176, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 176, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 176, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 176, 0);  
box-shadow:4px 4px 4px 4px rgb(175, 176,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.3756, -17.3853, 38.7474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 176, 0) }
```

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

```
.background{ background-color: rgb(175,  
176, 0) }
```

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](#).

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