

Converting Colors

HunterLab(75.9963, -33.4875,
35.6197)

Have a look what the booklet for
HunterLab(75.9963, -33.4875,
35.6197) contains.

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Color

**HunterLab(75.8512,
-33.4028, 35.4959)**

Conversions

Conversions Part 1

Format	Color
Hex	A4D76A
RGB	164, 215, 106
RGB Percent	64%, 84%, 42%
CMY	0.3569, 0.1568, 0.5843
CMYK	0.24, 0.00, 0.51, 0.16
HSL	88°, 58%, 63%
HSV	88°, 51%, 84%
XYZ	42.2119, 57.5340, 22.5160
YIQ	187.3250, 4.5930, -44.7110

Conversions

Conversions Part 2

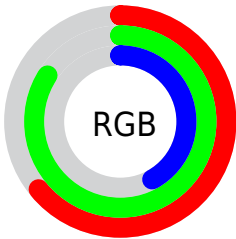
Format	Color
RYB	106, 215, 157
Decimal	10803050
CIELab	80.48, -34.38, 48.07
CIELCh	80, 59.104, 125.573
Yxy	57.5366, 0.3453, 0.4706
Android (android.graphics.Color)	4288993130 (0xFFA4D76A)
YUV	187.3250, -40.0932, -20.4560
Hunter-Lab	75.8512, -33.4028, 35.4959

Details

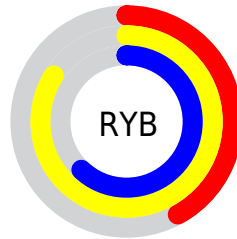
The HunterLab color $75.8512, -33.4028, 35.4959$ is a light color, and the websafe version is hex $99CC66$. A complement of this color would be $47.3118, 35.3954, -50.7977$, and the grayscale version is $70.7937, -3.7774, 3.8464$.

A 20% lighter version of the original color is $94.5676, -29.7339, 36.9003$, and $53.5343, -28.5213, 28.6230$ is the 20% darker color. If you saturate the color by 10%, you get $74.9103, -37.5979, 38.7806$, and if you desaturate by 10%, it is $76.9120, -28.6858, 31.2794$.

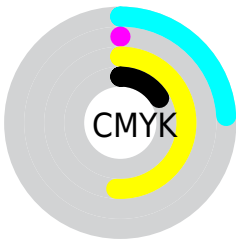
Distribution



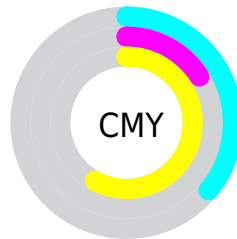
- Red (64%)
- Green (84%)
- Blue (42%)



- Red (42%)
- Yellow (84%)
- Blue (62%)



- Cyan (24%)
- Magenta (0%)
- Yellow (51%)
- Black (16%)





- Cyan (36%)
- Magenta (16%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 75.8512, -33.4028, 35.4959 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 75.8512, -33.4028, 35.4959 by changing the saturation by 10% instead.


 75.8512, -33.4028,
35.4959


 75.8512, -33.4028,
35.4959


203.8276,
-53.3920, 61.7332

 64.3709, -30.9565,
32.1320


 100.6219,
-38.0996, 41.8500


 53.5351, -28.4176,
28.6075


 113.8539,
-40.3713, 44.8784

 43.3864, -25.7615,
24.8890


 127.6200,
-42.6047, 47.8279

 33.9751, -22.9501,
20.9354

 141.9000,
-44.8064, 50.7101

 25.3640, -19.9251,
17.0229

156.6762,
-46.9818, 53.5344

 17.6361, -16.5906,
12.3453

171.9325,

 10.9069, -14.7755,

-49.1355, 56.3087

7.6348

187.6540,
-51.2712, 59.0398

■ 2.3063, -4.0360,
1.6144

0.0000, NaN, NaN

■ 75.8512, -33.4028,
35.4959

■ 75.8512, -33.4028,
35.4959

■ 74.9103, -37.5979,
38.7806

■ 76.9120, -28.6858,
31.2794

■ 74.0815, -41.2632,
41.1624


■ 78.0889, -23.4529,
26.1175


■ 73.3624, -44.4089,
42.6954

■ 79.3840, -17.7242,
20.0147

■ 72.7468, -47.0576,
43.4630


■ 80.7967, -11.5233,
12.9878


 72.2548, -49.1387,
43.6628

 82.3256, -4.8779,
5.0641

 83.9687, 2.1820,
-3.7212

 85.6666, 9.3226,
-12.5276

 86.6853, 12.6814,
-11.0717

 87.7481, 16.1461,
-9.5723

Harmonies

Analogous

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



75.8529, -9.3064, 39.8730



75.8512, -33.4028, 35.4959



75.8529, -47.8236, 22.6978

Triad

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



75.8529, -33.4046, 35.4965



75.8529, -25.4347, -60.4266



75.8529, 58.6478, 9.0246

Complementary

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



75.8512, -33.4028, 35.4959



47.3118, 35.3954, -50.7977

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.



75.8529, 52.6501, -20.7832



75.8512, -33.4028, 35.4959



75.8529, 1.3507, -68.3565

Square

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



75.8529, -33.4046, 35.4965



75.8529, -43.7208, -32.9437



75.8529, 30.5799, -51.7776



75.8529, 45.9364, 28.6494

Rectangle

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



75.8512, -33.4028, 35.4959



75.8529, -51.3717, 8.0487



75.8529, 30.5799, -51.7776



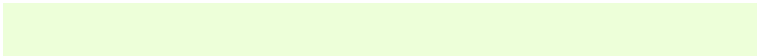
75.8529, 58.7724, -0.0120

Sweetspot

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



75.8529, -33.4046, 35.4965



97.2311, -17.3930, 19.6830



62.8957, 11.0103, 26.0940



44.8155, -8.7848, 9.9402

0.0000, NaN, NaN



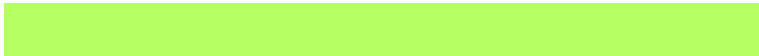
46.2646, -2.4686, 2.5136

Same Dimension

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



75.8529, -33.4046, 35.4965



90.7748, -46.0320, 47.3452



72.7570, -45.6553, 32.9208



37.7067, -4.9809, 5.5984



55.9361, -37.7684, 33.8064



13.9149, -8.5533, 8.4246

Inverse Universe

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



47.3118, 35.3954, -50.7977



50.0265, 53.8206, -80.3580



53.9621, 52.4072, -36.4726



35.0580, 1.2213, -1.9471



21.5352, 50.5060, -91.7141



5.7334, 12.9057, -20.2253

Previews

White Background



This preview shows how the HunterLab color 75.8512, -33.4028, 35.4959 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 75.8512, -33.4028, 35.4959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

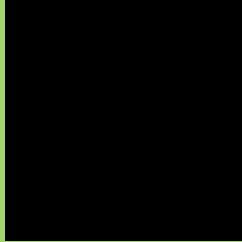
Any Text WCAG AA ✓ Pass

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 75.8512, -33.4028, 35.4959 Background



This preview shows how black text looks on a background with the HunterLab color 75.8512, -33.4028, 35.4959.



This preview shows how white text looks on a background with the HunterLab color 75.8512, -33.4028, 35.4959.

-33.4028, 35.4959.

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

75.8512, -33.4028, 35.4959

Protanopia

75.4997, -8.5037, 36.7051

Deuteranopia

75.5324, 5.5948, 34.6078



Tritanopia

75.8483, -8.0888, -5.7915

Trichromacy



Original Color

75.8512, -33.4028, 35.4959

Protanomaly

75.4462, -18.2324, 36.0863

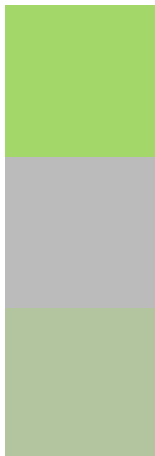
Deuteranomaly

75.0125, -9.9849, 34.3877

Tritanomaly

75.3914, -18.7516, 13.0036

Monochromacy



Original Color

75.8512, -33.4028, 35.4959

Achromatopsia

70.4935, -3.7614, 3.8300

Achromatomaly

72.1005, -15.4418, 17.5573

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.8512, -33.4028, 35.4959 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(164, 215, 106)` looks like.

```
.text, #text, p{  
    color:rgb(164, 215, 106)  
}
```

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(164, 215, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 215, 106) }
```

Border

The CSS property to change the border of an element to HunterLab 75.8512, -33.4028, 35.4959 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(164, 215, 106) }
```


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

```
.border{ border-color:rgb(164, 215, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 215, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 215, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 215, 106);  
box-shadow:4px 4px 4px 4px rgb(164, 215,  
106) }
```

Background

The CSS property to change the background color of an element to HunterLab 75.8512, -33.4028, 35.4959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 215, 106) }
```

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

```
.background{ background-color: rgb(164,  
215, 106) }
```

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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