

Converting Colors

HunterLab(64.0832, -13.0128,
10.5606)

Have a look what the booklet for
HunterLab(64.0832, -13.0128,
10.5606) contains.

HunterLab(64.0148, -12.9167, 10.4979)	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(64.0148,
-12.9167, 10.4979)**

Conversions

Conversions Part 1

Format	Color
Hex	9DB19B
RGB	157, 177, 155
RGB Percent	62%, 69%, 61%
CMY	0.3843, 0.3059, 0.3922
CMYK	0.11, 0.00, 0.12, 0.31
HSL	115°, 12%, 65%
HSV	115°, 12%, 69%
XYZ	35.5432, 40.9789, 37.0468
YIQ	168.5120, -4.8580, -11.0820

Conversions

Conversions Part 2

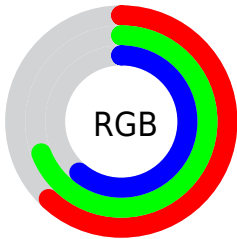
Format	Color
RYB	155, 177, 175
Decimal	10334619
CIELab	70.16, -11.16, 8.93
CIELCh	70, 14.293, 141.330
Yxy	40.9807, 0.3130, 0.3608
Android (android.graphics.Color)	4288524699 (0xFF9DB19B)
YUV	168.5120, -6.6614, -10.0960
Hunter-Lab	64.0148, -12.9167, 10.4979

Details

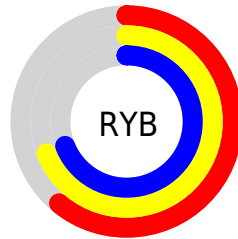
The HunterLab color $64.0148, -12.9167, 10.4979$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $59.7764, 6.8875, -4.3041$, and the grayscale version is $62.8163, -3.3517, 3.4129$.

A 20% lighter version of the original color is $87.6803, -15.4151, 12.9684$, and $42.9872, -10.2416, 8.2456$ is the 20% darker color. If you saturate the color by 10%, you get $62.3822, -19.8106, 15.4913$, and if you desaturate by 10%, it is $65.8379, -5.4368, 5.0067$.

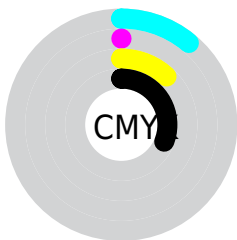
Distribution



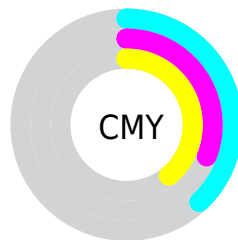
- Red (62%)
- Green (69%)
- Blue (61%)



- Red (61%)
- Yellow (69%)
- Blue (69%)



- Cyan (11%)
- Magenta (0%)
- Yellow (12%)
- Black (31%)



- Cyan (38%)
- Magenta (31%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.0148, -12.9167, 10.4979 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 64.0148, -12.9167, 10.4979 by changing the saturation by 10% instead.

■ 64.0148, -12.9167,
10.4979

■ 64.0148, -12.9167,
10.4979

187.1470,
-23.7897, 20.5339

■ 53.2015, -11.7367,
9.4376

■ 87.5526, -15.2806,
12.6418

■ 43.0755, -10.5484,
8.3779

■ 100.2101,
-16.4683, 13.7286

■ 33.6885, -9.3447,
7.3133

113.4248,
-17.6633, 14.8277

■ 25.1042, -8.1124,
6.2327

127.1741,
-18.8672, 15.9400

■ 17.4060, -6.8289,
5.1174

141.4381,
-20.0810, 17.0664

■ 10.7110, -5.4637,
4.1731

156.1988,

■ 1.3408, -2.3465,

-21.3055, 18.2072

0.9386

171.4400,
-22.5416, 19.3630

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.0148, -12.9167,
10.4979

■ 64.0148, -12.9167,
10.4979

■ 62.3822, -19.8106,
15.4913

■ 65.8379, -5.4368,
5.0067

■ 60.9414, -26.0410,
19.9315

■ 67.8408, 2.5579,
-0.9289

■ 59.6968, -31.5429,
23.7737

■ 70.0168, 10.9922,
-7.2518

■ 58.6491, -36.2622,
26.9838

■ 72.3576, 19.7970,
-13.9083

■ 57.7961, -40.1626,

■ 74.8541, 28.9093,

29.5436

-20.8486

■ 57.1320, -43.2310,
31.4552

■ 77.2350, 36.9773,
-24.3872

■ 56.6469, -45.4825,
32.7454

■ 77.4118, 37.4979,
-24.1032

■ 56.3264, -46.9655,
33.4707

■ 56.1754, -47.6630,
33.7806

Harmonies

Analogous

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



64.0162, -7.9166, 13.6298



64.0148, -12.9167, 10.4979



64.0162, -15.3496, 5.2568

Triad

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



64.0162, -12.9181, 10.4988



64.0162, -5.2985, -9.4646



64.0162, 8.6850, 7.6732

Complementary

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



64.0148, -12.9167, 10.4979



59.7764, 6.8875, -4.3041

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.



64.0162, 9.4545, 1.6602



64.0148, -12.9167, 10.4979



64.0162, 1.2060, -8.6523

Square

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



64.0162, -12.9181, 10.4988



64.0162, -11.0673, -6.5456



64.0162, 6.6681, -4.4257



64.0162, 4.6058, 12.1156

Rectangle

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



64.0148, -12.9167, 10.4979



64.0162, -15.2560, 1.0966



64.0162, 6.6681, -4.4257



64.0162, 9.3456, 5.7839

Sweetspot

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



64.0162, -12.9181, 10.4988



87.6906, -8.9652, 7.9465



65.0368, -5.8398, 11.7023



40.7359, -4.5261, 3.9591



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.



64.0162, -12.9181, 10.4988



85.0251, -19.9780, 16.0087



64.0998, -12.1368, 6.8854



30.8639, -5.0939, 4.2284



47.8279, -40.5149, 28.7620



8.5544, -6.8862, 5.1507

Inverse Universe

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



59.7764, 6.8875, -4.3041



78.0883, 12.4425, -8.2264



59.6871, 6.0226, -0.0136



29.3372, 2.0349, -1.0991



27.9234, 56.0560, -45.8024



5.0664, 10.1047, -7.7979

Previews

White Background



This preview shows how the HunterLab color 64.0148, -12.9167, 10.4979 looks on a white background.

Color Contrast Check

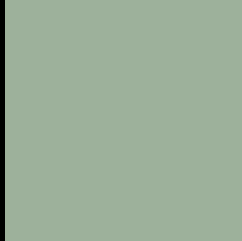
Large Text (above 18pt) WCAG AA × Fail

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 64.0148, -12.9167, 10.4979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

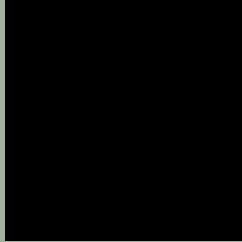
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

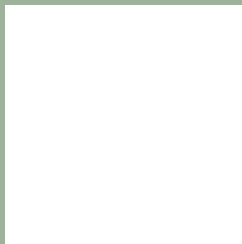
Any Text WCAG AAA ✓ Pass

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

HunterLab 64.0148, -12.9167, 10.4979 Background



This preview shows how black text looks on a background with the HunterLab color 64.0148, -12.9167, 10.4979.



This preview shows how white text looks on a background with the HunterLab color 64.0148,

-12.9167, 10.4979.

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

64.0148, -12.9167, 10.4979

Protanopia

64.0129, -3.7708, 11.8644

Deuteranopia

63.7825, 4.6146, 9.7317



Tritanopia

64.1200, -4.4563, -3.5227

Trichromacy



Original Color

64.0148, -12.9167, 10.4979

Protanomaly

63.9101, -7.1393, 11.2977

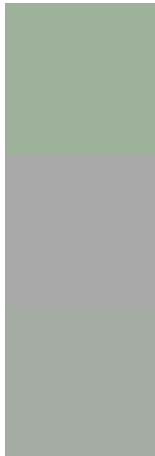
Deuteranomaly

63.6235, -1.8929, 9.8612

Tritanomaly

63.9068, -7.4546, 1.6211

Monochromacy



Original Color

64.0148, -12.9167, 10.4979

Achromatopsia

62.9885, -3.3609, 3.4223

Achromatomaly

63.3914, -6.8323, 6.0923

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.0148, -12.9167, 10.4979 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(157, 177, 155)` looks like.

```
.text, #text, p{  
    color:rgb(157, 177, 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(157, 177, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 177, 155) }
```

Border

The CSS property to change the border of an element to HunterLab 64.0148, -12.9167, 10.4979 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(157, 177, 155) }
```


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

```
.border{ border-color:rgb(157, 177, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 177, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 177, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 177, 155);  
box-shadow:4px 4px 4px 4px rgb(157, 177,  
155) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.0148, -12.9167, 10.4979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 177, 155) }
```

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

```
.background{ background-color: rgb(157,  
177, 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