

Converting Colors

HunterLab(63.8353, -12.9404,
4.9103)

Have a look what the booklet for
HunterLab(63.8353, -12.9404,
4.9103) contains.

HunterLab(63.8400, -12.8301, 4.7078)	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(63.8400,
-12.8301, 4.7078)**

Conversions

Conversions Part 1

Format	Color
Hex	96B1A8
RGB	150, 177, 168
RGB Percent	59%, 69%, 66%
CMY	0.4118, 0.3059, 0.3412
CMYK	0.15, 0.00, 0.05, 0.31
HSL	160°, 15%, 64%
HSV	160°, 15%, 69%
XYZ	35.3677, 40.7555, 43.0483
YIQ	167.9010, -13.2030, -8.5230

Conversions

Conversions Part 2

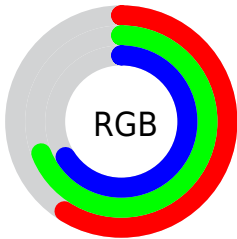
Format	Color
RYB	150, 166, 177
Decimal	9875880
CIELab	70.01, -11.08, 1.49
CIElCh	70, 11.177, 172.315
Yxy	40.7572, 0.2968, 0.3420
Android (android.graphics.Color)	4288065960 (0xFF96B1A8)
YUV	167.9010, 0.0488, -15.6992
Hunter-Lab	63.8400, -12.8301, 4.7078

Details

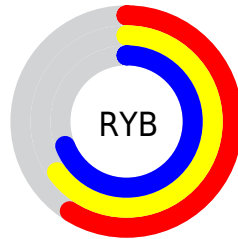
The HunterLab color $63.8400, -12.8301, 4.7078$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $58.0207, 7.0553, 2.3554$, and the grayscale version is $62.5398, -3.3370, 3.3979$.

A 20% lighter version of the original color is $87.4316, -15.4834, 6.2623$, and $42.8123, -10.2729, 3.3185$ is the 20% darker color. If you saturate the color by 10%, you get $62.4402, -18.3162, 5.6525$, and if you desaturate by 10%, it is $65.4142, -6.8566, 3.9376$.

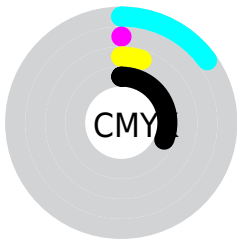
Distribution



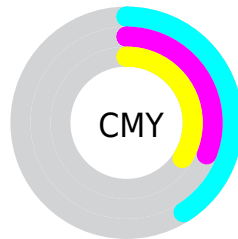
- Red (59%)
- Green (69%)
- Blue (66%)



- Red (59%)
- Yellow (65%)
- Blue (69%)



- Cyan (15%)
- Magenta (0%)
- Yellow (5%)
- Black (31%)





- Cyan (41%)
- Magenta (31%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 63.8400, -12.8301, 4.7078 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 63.8400, -12.8301, 4.7078 by changing the saturation by 10% instead.


 63.8400, -12.8301,
4.7078

 63.8400, -12.8301,
4.7078

186.8969,
-23.6692, 11.9473

 53.0371, -11.6545,
4.0451


 87.3585, -15.1853,
6.1274

 42.9223, -10.4709,
3.4138


 100.0070,
-16.3690, 6.8802

 33.5474, -9.2723,
2.8162


113.2132,
-17.5602, 7.6605

 24.9762, -8.0455,
2.2539

126.9543,
-18.7604, 8.4676

 17.2928, -6.7677,
1.7284

141.2104,
-19.9706, 9.3005

 10.6147, -5.4186,
1.2405

155.9634,

 0.2456, -0.4298,

-21.1917, 10.1586

0.1719

171.1972,
-22.4244, 11.0410

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.8400, -12.8301,
4.7078

■ 63.8400, -12.8301,
4.7078

■ 62.4402, -18.3162,
5.6525

■ 65.4142, -6.8566,
3.9376

■ 61.2133, -23.2630,
6.7622

■ 67.1546, -0.4448,
3.3420

■ 60.1609, -27.6308,
8.0266

■ 69.0575, 6.3502,
2.9212

■ 59.2810, -31.3903,
9.4304

■ 71.1164, 13.4757,
2.6718

■ 58.5689, -34.5270,

■ 73.3244, 20.8817,

10.9539

2.5880

■ 58.0165, -37.0451,
12.5734

■ 75.5229, 28.0607,
2.4716

■ 57.6117, -38.9709,
14.2620

■ 75.7130, 29.0203,
-0.2327

■ 57.3370, -40.3601,
15.9881

■ 75.9098, 30.0111,
-3.0247

■ 57.2308, -40.9174,
16.7954

■ 76.1132, 31.0332,
-5.9039

Harmonies

Analogous

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



63.8413, -10.9792, 8.9136



63.8400, -12.8301, 4.7078



63.8413, -12.2224, -0.1657

Triad

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



63.8413, -12.8313, 4.7087



63.8413, 0.3527, -5.7614



63.8413, 2.6901, 10.4190

Complementary

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



63.8400, -12.8301, 4.7078



58.0207, 7.0553, 2.3554

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.



63.8413, 5.9082, 6.9133



63.8400, -12.8301, 4.7078



63.8413, 4.5295, -2.4885

Square

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



63.8413, -12.8313, 4.7087



63.8413, -4.7146, -6.4676



63.8413, 6.5918, 2.2163



63.8413, -2.0945, 12.0379

Rectangle

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



63.8400, -12.8301, 4.7078



63.8413, -10.4937, -3.1225



63.8413, 6.5918, 2.2163



63.8413, 3.9970, 9.4359

Sweetspot

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



63.8413, -12.8313, 4.7087



87.5775, -9.0346, 5.2539



64.0821, -12.9357, 12.5636



40.6992, -4.4701, 2.4751



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.



63.8413, -12.8313, 4.7087



84.8381, -19.4843, 6.6627



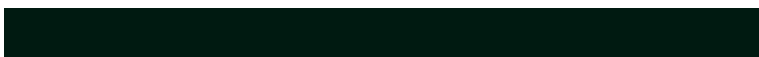
62.8712, -9.3808, -0.6508



30.9555, -4.4674, 2.0224



48.7253, -34.7547, 14.1229



8.7023, -5.8021, 1.6481

Inverse Universe

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



58.0207, 7.0553, 2.3554



75.5318, 12.3386, 2.9149



58.8879, 3.6486, 7.2986



29.2412, 1.3829, 1.3256



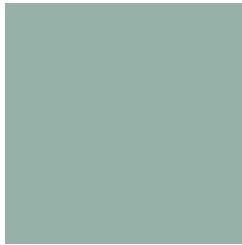
26.4791, 46.2491, 10.1107



4.8137, 8.6306, 0.1103

Previews

White Background



This preview shows how the HunterLab color 63.8400, -12.8301, 4.7078 looks on a white background.

Color Contrast Check

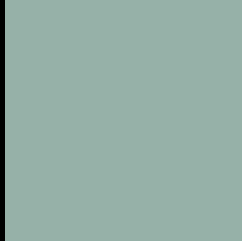
Large Text (above 18pt) WCAG AA × Fail

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 63.8400, -12.8301, 4.7078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

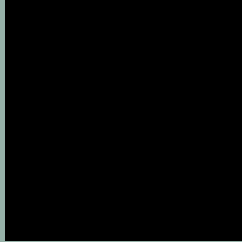
Any Text WCAG AA ✓ Pass

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 63.8400, -12.8301, 4.7078 Background



This preview shows how black text looks on a background with the HunterLab color 63.8400, -12.8301, 4.7078.



This preview shows how white text looks on a background with the HunterLab color 63.8400,

-12.8301, 4.7078.

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

63.8400, -12.8301, 4.7078

Protanopia

63.6740, -2.7866, 6.4830

Deuteranopia

63.5432, 4.5472, 3.7499



Tritanopia

63.8537, -6.8039, -4.9493

Trichromacy



Original Color

63.8400, -12.8301, 4.7078

Protanomaly

63.8050, -6.8583, 6.1179

Deuteranomaly

63.4344, -1.8156, 3.9724

Tritanomaly

63.8502, -8.8390, -1.4044

Monochromacy



Original Color

63.8400, -12.8301, 4.7078

Achromatopsia

62.5758, -3.3389, 3.3999

Achromatomaly

62.8729, -6.8881, 3.6867

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.8400, -12.8301, 4.7078 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(150, 177, 168)` looks like.

```
.text, #text, p{  
    color:rgb(150, 177, 168)  
}
```

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(150, 177, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 177, 168) }
```

Border

The CSS property to change the border of an element to HunterLab 63.8400, -12.8301, 4.7078 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(150, 177, 168) }
```


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

```
.border{ border-color:rgb(150, 177, 168) }
```

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

Here you see how a box with a 4 pixel rgb(150, 177, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 177, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 177, 168);  
box-shadow:4px 4px 4px 4px rgb(150, 177,  
168) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.8400, -12.8301, 4.7078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 177, 168) }
```

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

```
.background{ background-color: rgb(150,  
177, 168) }
```

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