

Converting Colors

HunterLab(64.3856, -19.9872,
23.5430)

Have a look what the booklet for
HunterLab(64.3856, -19.9872,
23.5430) contains.

HunterLab(64.2840, -19.9997, 23.4533)	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(64.2840,
-19.9997, 23.4533)**

Conversions

Conversions Part 1

Format	Color
Hex	9BB576
RGB	155, 181, 118
RGB Percent	61%, 71%, 46%
CMY	0.3922, 0.2902, 0.5372
CMYK	0.14, 0.00, 0.35, 0.29
HSL	85°, 30%, 59%
HSV	85°, 35%, 71%
XYZ	33.3115, 41.3243, 23.3603
YIQ	166.0440, 4.7270, -25.1050

Conversions

Conversions Part 2

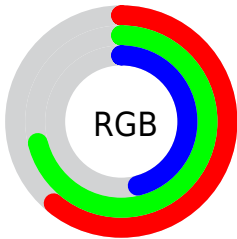
Format	Color
RYB	118, 181, 144
Decimal	10204534
CIELab	70.40, -19.90, 29.24
CIELCh	70, 35.371, 124.241
Yxy	41.3261, 0.3399, 0.4217
Android (android.graphics.Color)	4288394614 (0xFF9BB576)
YUV	166.0440, -23.6857, -9.6856
Hunter-Lab	64.2840, -19.9997, 23.4533

Details

The HunterLab color $64.2840, -19.9997, 23.4533$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $47.1419, 17.1695, -25.6351$, and the grayscale version is $61.8639, -3.3009, 3.3612$.

A 20% lighter version of the original color is $87.8694, -23.3271, 27.7394$, and $43.3031, -16.4762, 18.6859$ is the 20% darker color. If you saturate the color by 10%, you get $63.4191, -23.8768, 27.4122$, and if you desaturate by 10%, it is $65.2386, -15.7439, 18.7207$.

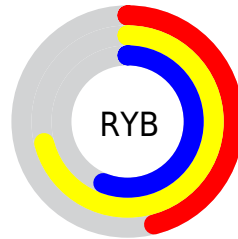
Distribution



Red (61%)

Green (71%)

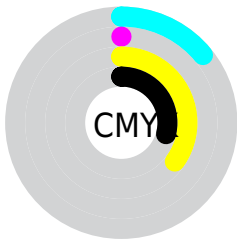
Blue (46%)



Red (46%)

Yellow (71%)

Blue (56%)

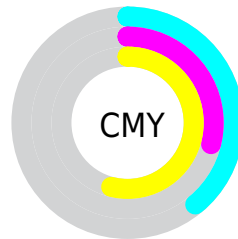


Cyan (14%)

Magenta (0%)

Yellow (35%)

Black (29%)



Cyan (39%)

Magenta (29%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.2840, -19.9997, 23.4533 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 64.2840, -19.9997, 23.4533 by changing the saturation by 10% instead.

■ 64.2840, -19.9997,
23.4533

■ 64.2840, -19.9997,
23.4533

187.5318,
-34.3523, 41.8761

■ 53.4547, -18.3240,
21.1661

■ 87.8514, -23.2664,
27.8080

■ 43.3114, -16.6009,
18.7752

■ 100.5226,
-24.8699, 29.9043

■ 33.9059, -14.8135,
16.2483

■ 113.7505,
-26.4615, 31.9611

■ 25.3013, -12.9327,
13.5382

127.5125,
-28.0450, 33.9861

■ 17.5806, -10.9100,
10.9063

141.7887,
-29.6236, 35.9856

■ 10.8596, -8.9964,
7.6017

156.5612,

■ 2.1144, -3.7001,

-31.1998, 37.9644

1.4801

171.8138,
-32.7754, 39.9268

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.2840, -19.9997,
23.4533

■ 64.2840, -19.9997,
23.4533

■ 63.4191, -23.8768,
27.4122

■ 65.2386, -15.7439,
18.7207

■ 62.6388, -27.3614,
30.6003

■ 66.2789, -11.1178,
13.2187

■ 61.9430, -30.4520,
33.0357

■ 67.4058, -6.1398,
6.9627

■ 61.3289, -33.1520,
34.7511


■ 68.6183, -0.8291,
-0.0250


■ 60.7929, -35.4737,


■ 69.9151, 4.7933,

35.7982


-7.7166


 60.3294, -37.4408,
36.2539

 71.2945, 10.7053,
-16.0800

 60.1097, -38.3655,
36.3677

 72.7545, 16.8845,
-25.0800

 73.9469, 21.5359,
-29.9130

 74.7240, 23.9598,
-28.6028

Harmonies

Analogous

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



64.2854, -5.7157, 26.5500



64.2840, -19.9997, 23.4533



64.2854, -29.0954, 15.0660

Triad

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



64.2854, -20.0013, 23.4539



64.2854, -16.3887, -29.2237



64.2854, 30.5847, 5.6473

Complementary

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



64.2840, -19.9997, 23.4533



47.1419, 17.1695, -25.6351

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.



64.2854, 27.0163, -10.7188



64.2840, -19.9997, 23.4533



64.2854, -1.1191, -33.5126

Square

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



64.2854, -20.0013, 23.4539



64.2854, -27.1587, -15.4555



64.2854, 15.0031, -26.0488



64.2854, 24.3255, 18.0095

Rectangle

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



64.2840, -19.9997, 23.4533



64.2854, -31.5226, 6.3953



64.2854, 15.0031, -26.0488



64.2854, 30.4988, 0.4619

Sweetspot

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



64.2854, -20.0013, 23.4539



89.3825, -11.8442, 13.9290



55.5322, 6.2570, 16.0282



41.4581, -5.9314, 7.0068



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



64.2854, -20.0013, 23.4539



85.1044, -30.9040, 35.6549



62.1813, -28.0066, 21.4824



31.1903, -3.9284, 4.6038



49.9486, -31.6854, 30.2234



9.0453, -4.8768, 5.4883

Inverse Universe

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



47.1419, 17.1695, -25.6351



57.3749, 29.7101, -45.0337



50.3721, 26.7774, -19.9505



28.9754, 0.8134, -1.5833



18.3347, 43.9424, -85.3885



3.7459, 8.3467, -12.5545

Previews

White Background



This preview shows how the HunterLab color 64.2840, -19.9997, 23.4533 looks on a white background.

Color Contrast Check

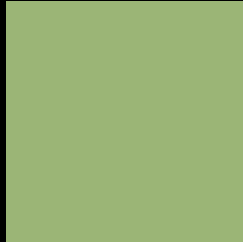
Large Text (above 18pt) WCAG AA × Fail

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 64.2840, -19.9997, 23.4533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

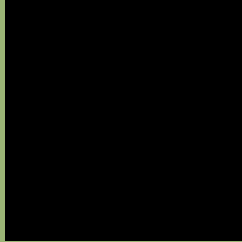
Any Text WCAG AA ✓ Pass

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 64.2840, -19.9997, 23.4533 Background



This preview shows how black text looks on a background with the HunterLab color 64.2840, -19.9997, 23.4533.



This preview shows how white text looks on a background with the HunterLab color 64.2840,

-19.9997, 23.4533.

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

64.2840, -19.9997, 23.4533

Protanopia

64.1553, -6.4342, 24.7073

Deuteranopia

64.1504, 4.2405, 22.5861



Tritanopia

64.3674, -3.5932, -3.1900

Trichromacy



Original Color

64.2840, -19.9997, 23.4533

Protanomaly

64.0404, -11.4388, 24.2446

Deuteranomaly

63.9886, -5.2409, 22.5768

Tritanomaly

64.1880, -10.3916, 8.2251

Monochromacy



Original Color

64.2840, -19.9997, 23.4533

Achromatopsia

61.7516, -3.2949, 3.3551

Achromatomaly

62.4317, -9.5062, 11.3007

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.2840, -19.9997, 23.4533 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(155, 181, 118)` looks like.

```
.text, #text, p{  
    color:rgb(155, 181, 118)  
}
```

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(155, 181, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 181, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 64.2840, -19.9997, 23.4533 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(155, 181, 118) }
```


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

```
.border{ border-color:rgb(155, 181, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 181, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 181, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 181, 118);  
box-shadow:4px 4px 4px 4px rgb(155, 181,  
118) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.2840, -19.9997, 23.4533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 181, 118) }
```

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

```
.background{ background-color: rgb(155,  
181, 118) }
```

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