

Converting Colors

HunterLab(64.5192, -49.0146,
35.2808)

Have a look what the booklet for
HunterLab(64.5192, -49.0146,
35.2808) contains.

HunterLab(64.6930, -49.1872, 35.3338)	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(64.6930,
-49.1872, 35.3338)**

Conversions

Conversions Part 1

Format	Color
Hex	42C63A
RGB	66, 198, 58
RGB Percent	26%, 78%, 23%
CMY	0.7412, 0.2235, 0.7725
CMYK	0.67, 0.00, 0.71, 0.22
HSL	117°, 55%, 50%
HSV	117°, 71%, 78%
XYZ	23.2045, 41.8518, 10.8581
YIQ	142.5720, -33.7320, -71.5240

Conversions

Conversions Part 2

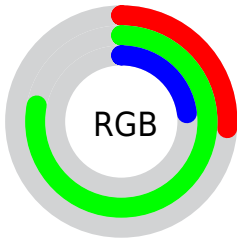
Format	Color
RYB	58, 198, 190
Decimal	4376122
CIELab	70.77, -61.51, 56.85
CIELCh	71, 83.757, 137.250
Yxy	41.8536, 0.3057, 0.5513
Android (android.graphics.Color)	4282566202 (0xFF42C63A)
YUV	142.5720, -41.6940, -67.1536
Hunter-Lab	64.6930, -49.1872, 35.3338

Details

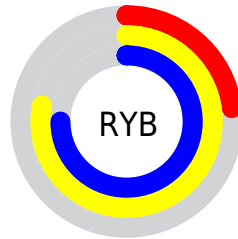
The HunterLab color **64.6930, -49.1872, 35.3338** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **42.4878, 64.0507, -47.2548**, and the grayscale version is **52.4107, -2.7965, 2.8476**.

A 20% lighter version of the original color is **88.0103, -56.7741, 42.7130**, and **44.3226, -38.0066, 26.6460** is the 20% darker color. If you saturate the color by 10%, you get **64.1430, -51.7634, 36.9074**, and if you desaturate by 10%, it is **65.4622, -45.6277, 33.0437**.

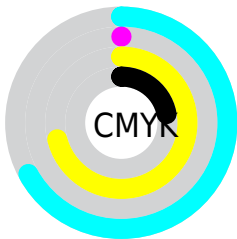
Distribution



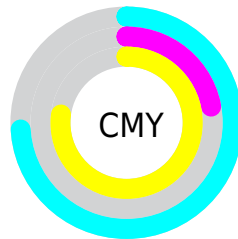
- Red (26%)
- Green (78%)
- Blue (23%)



- Red (23%)
- Yellow (78%)
- Blue (75%)



- Cyan (67%)
- Magenta (0%)
- Yellow (71%)
- Black (22%)





- Cyan (74%)
- Magenta (22%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.6930, -49.1872, 35.3338 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 64.6930, -49.1872, 35.3338 by changing the saturation by 10% instead.


 64.6930, -49.1872,
35.3338

 64.6930, -49.1872,
35.3338


188.1158,
-81.2648, 66.3129


 53.8393, -44.9288,
31.2351


 88.3052, -57.1132,
42.9923


 43.6701, -40.4051,
26.9138


 100.9972,
-60.8476, 46.6045


 34.2365, -35.5414,
22.3385


 114.2450,
-64.4624, 50.0998

 25.6013, -30.2270,
17.9209

 128.0261,
-67.9756, 53.4949

 17.8464, -24.3896,
12.4925

 142.3208,
-71.4017, 56.8032

 11.0862, -19.4008,
7.7603

157.1111,

 2.9194, -5.1089,

-74.7524, 60.0362

2.0436

172.3810,
-78.0374, 63.2034

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.6930, -49.1872,
35.3338

■ 64.6930, -49.1872,
35.3338

■ 64.1430, -51.7634,
36.9074

■ 65.4622, -45.6277,
33.0437

■ 63.7896, -53.4151,
37.8236

■ 66.4589, -41.0627,
30.0110


■ 63.6106, -54.2501,
38.2468


■ 67.6919, -35.5105,
26.2393

■ 69.1639, -29.0176,
21.7558


■ 70.8737, -21.6536,

16.6059

 72.8172, -13.5027,
10.8475

 74.9874, -4.6574,
4.5462

 77.3756, 4.7880,
-2.2303

 79.9718, 14.7422,
-9.4152

Harmonies

Analogous

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



64.6944, -23.9026, 41.0782



64.6930, -49.1872, 35.3338



64.6944, -60.8120, 17.1687

Triad

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



64.6944, -49.1882, 35.3341



64.6944, -18.9386, -109.0567



64.6944, 83.1038, 21.0607

Complementary

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



64.6930, -49.1872, 35.3338



42.4878, 64.0507, -47.2548

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.



64.6944, 85.3203, -13.9514



64.6930, -49.1872, 35.3338



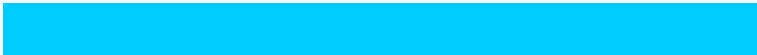
64.6944, 19.8962, -105.6741

Square

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



64.6944, -49.1882, 35.3341



64.6944, -46.2870, -72.0687



64.6944, 60.0870, -64.4827



64.6944, 54.5944, 36.7573

Rectangle

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



64.6930, -49.1872, 35.3338



64.6944, -61.5590, -5.9713



64.6944, 60.0870, -64.4827



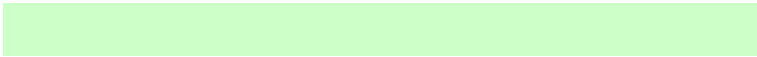
64.6944, 87.1499, 11.7633

Sweetspot

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



64.6944, -49.1882, 35.3341



94.1635, -29.4430, 22.5392



69.6888, -13.9155, 39.2921



43.2571, -14.9351, 11.3492

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.6944, -49.1882, 35.3341



85.0622, -70.2493, 49.8922



65.2790, -45.1939, 23.6759



34.5200, -5.8433, 4.7442



51.3085, -43.6958, 30.8511



11.2108, -9.3117, 6.7450

Inverse Universe

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



42.4878, 64.0507, -47.2548



52.5449, 96.8663, -72.6787



41.0471, 55.7683, -8.0995



32.8399, 2.4342, -1.2377



30.8379, 61.4088, -46.7236



6.7816, 13.4650, -9.9686

Previews

White Background



This preview shows how the HunterLab color 64.6930, -49.1872, 35.3338 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 64.6930, -49.1872, 35.3338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

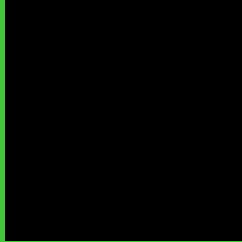
Any Text WCAG AA ✓ Pass

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 64.6930, -49.1872, 35.3338 Background



This preview shows how black text looks on a background with the HunterLab color 64.6930, -49.1872, 35.3338.



This preview shows how white text looks on a background with the HunterLab color 64.6930, -49.1872, 35.3338.

-49.1872, 35.3338.

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

64.6930, -49.1872, 35.3338

Protanopia

64.0949, -8.1699, 36.4547

Deuteranopia

63.8613, 4.6405, 34.0527



Tritanopia

64.5250, -21.2382, -10.8221

Trichromacy



Original Color

64.6930, -49.1872, 35.3338



Protanomaly

62.8627, -27.0321, 34.9708



Deuteranomaly

62.3840, -20.4544, 33.1840



Tritanomaly

64.0623, -34.6950, 12.9376

Monochromacy



Original Color

64.6930, -49.1872, 35.3338



Achromatopsia

52.4097, -2.7964, 2.8475



Achromatomaly

55.6858, -23.4289, 17.5818

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.6930, -49.1872, 35.3338 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(66, 198, 58)` looks like.

```
.text, #text, p{  
    color:rgb(66, 198, 58)  
}
```

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(66, 198, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 198, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 64.6930, -49.1872, 35.3338 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(66, 198, 58) }
```


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

```
.border{ border-color:rgb(66, 198, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 198, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 198, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 198, 58);  
box-shadow:4px 4px 4px 4px rgb(66, 198,  
58) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.6930, -49.1872, 35.3338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 198, 58) }
```

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

```
.background{ background-color: rgb(66, 198,  
58) }
```

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