

Converting Colors

HunterLab(64.6300, -35.0157,
4.2537)

Have a look what the booklet for
HunterLab(64.6300, -35.0157,
4.2537) contains.

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Color

**HunterLab(64.5690,
-34.9828, 4.2537)**

Conversions

Conversions Part 1

Format	Color
Hex	40C0AA
RGB	64, 192, 170
RGB Percent	25%, 75%, 67%
CMY	0.7490, 0.2470, 0.3333
CMYK	0.67, 0.00, 0.11, 0.25
HSL	170°, 50%, 50%
HSV	170°, 67%, 75%
XYZ	28.2197, 41.6916, 44.5902
YIQ	151.2200, -69.2260, -33.9780

Conversions

Conversions Part 2

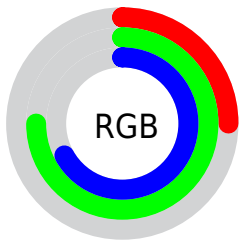
Format	Color
RYB	64, 134, 192
Decimal	4243626
CIELab	70.66, -39.96, 0.89
CIElCh	71, 39.974, 178.726
Yxy	41.6932, 0.2465, 0.3641
Android (android.graphics.Color)	4282433706 (0xFF40C0AA)
YUV	151.2200, 9.2585, -76.4919
Hunter-Lab	64.5690, -34.9828, 4.2537

Details

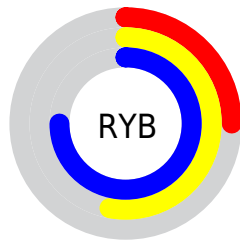
The HunterLab color **64.5690, -34.9828, 4.2537** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **39.4288, 45.3224, 11.8480**, and the grayscale version is **55.7043, -2.9722, 3.0265**.

A 20% lighter version of the original color is **88.1474, -40.4141, 5.6947**, and **44.1418, -27.2730, 3.7011** is the 20% darker color. If you saturate the color by 10%, you get **64.0571, -37.2206, 5.1155**, and if you desaturate by 10%, it is **65.2517, -32.1021, 3.5834**.

Distribution



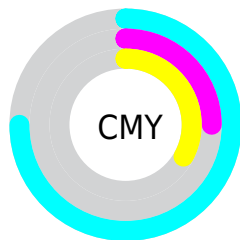
- Red (25%)
- Green (75%)
- Blue (67%)



- Red (25%)
- Yellow (53%)
- Blue (75%)



- Cyan (67%)
- Magenta (0%)
- Yellow (11%)
- Black (25%)





- Cyan (75%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.5690, -34.9828, 4.2537 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 64.5690, -34.9828, 4.2537 by changing the saturation by 10% instead.


 64.5690, -34.9828,
4.2537

 64.5690, -34.9828,
4.2537


187.9387,
-57.6533, 11.2894


 53.7225, -32.1021,
3.6195


 88.1675, -40.4258,
5.6208

 43.5612, -29.0751,
3.0188


 100.8532,
-43.0273, 6.3493


 34.1362, -25.8563,
2.4544


 114.0949,
-45.5678, 7.1065

 25.5102, -22.3762,
1.9286

 127.8703,
-48.0577, 7.8913

 17.7657, -18.5221,
1.4443

 142.1594,
-50.5050, 8.7028

 11.0173, -16.9155,
1.0045

156.9443,

 2.7007, -4.7263,

-52.9166, 9.5402

1.5116

172.2089,
-55.2978, 10.4026

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.5690, -34.9828,
4.2537

■ 64.5690, -34.9828,
4.2537

■ 64.0571, -37.2206,
5.1155

■ 65.2517, -32.1021,
3.5834

■ 63.6976, -38.8543,
6.1417

■ 66.1118, -28.5616,
3.1210

■ 63.4693, -39.9618,
7.2991


■ 67.1572, -24.3666,
2.8796


■ 63.4065, -40.2773,
7.6945


■ 68.3914, -19.5389,
2.8664


■ 69.8152, -14.1141,

3.0830

 71.4271, -8.1377,
3.5265

 73.2235, -1.6614,
4.1899

 75.1996, 5.2595,
5.0634

 77.3489, 12.5699,
6.1349

Harmonies

Analogous

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



64.5703, -30.8434, 18.5829



64.5690, -34.9828, 4.2537



64.5703, -31.4874, -14.7216

Triad

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



64.5703, -34.9832, 4.2545



64.5703, 14.3393, -33.2469



64.5703, 15.8430, 26.0698

Complementary

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



64.5690, -34.9828, 4.2537



39.4288, 45.3224, 11.8480

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.



64.5703, 30.3789, 17.6157



64.5690, -34.9828, 4.2537



64.5703, 29.4449, -16.3783

Square

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



64.5703, -34.9832, 4.2545



64.5703, -4.2292, -39.6788



64.5703, 35.6098, 2.7661



64.5703, -2.6646, 28.8145

Rectangle

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



64.5690, -34.9828, 4.2537



64.5703, -25.0506, -27.0252



64.5703, 35.6098, 2.7661



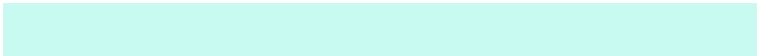
64.5703, 21.4288, 23.9426

Sweetspot

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



64.5703, -34.9832, 4.2545



93.2453, -21.7579, 4.0076



63.3403, -43.9136, 33.7201



42.9378, -11.0358, 1.8182



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



64.5703, -34.9832, 4.2545



85.9771, -51.2131, 7.4984



52.1355, -13.2710, -24.8214



33.7606, -4.6659, 1.6098



52.0212, -32.9799, 6.1722



10.8503, -6.6312, 0.7529

Inverse Universe

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



39.4288, 45.3224, 11.8480



48.1981, 71.7251, 20.5501



46.4612, 24.9958, 22.8759



31.7892, 1.3191, 2.0351



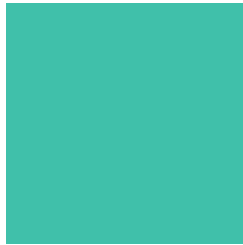
27.6093, 47.5789, 15.5381



5.8164, 10.1754, 2.0942

Previews

White Background



This preview shows how the HunterLab color 64.5690, -34.9828, 4.2537 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 64.5690, -34.9828, 4.2537 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

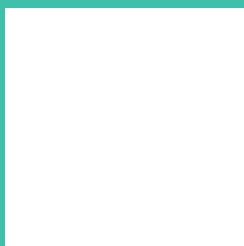
Any Text WCAG AAA ✓ Pass

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

HunterLab 64.5690, -34.9828, 4.2537 Background



This preview shows how black text looks on a background with the HunterLab color 64.5690, -34.9828, 4.2537.



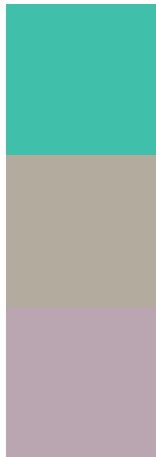
This preview shows how white text looks on a background with the HunterLab color 64.5690,

-34.9828, 4.2537.

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

64.5690, -34.9828, 4.2537

Protanopia

64.0776, -3.2308, 9.4969

Deuteranopia

63.9110, 4.6842, 1.3592



Tritanopia

64.4319, -24.7295, -12.7213

Trichromacy



Original Color

64.5690, -34.9828, 4.2537



Protanomaly

63.3776, -18.0855, 6.7586



Deuteranomaly

62.8225, -12.9780, 0.6911



Tritanomaly

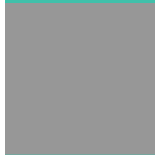
64.5078, -28.6979, -6.0562

Monochromacy



Original Color

64.5690, -34.9828, 4.2537



Achromatopsia

55.6299, -2.9683, 3.0225



Achromatomaly

58.0198, -17.1899, 2.3947

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.5690, -34.9828, 4.2537 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(64, 192, 170)` looks like.

```
.text, #text, p{  
    color:rgb(64, 192, 170)  
}
```

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(64, 192, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 192, 170) }
```

Border

The CSS property to change the border of an element to HunterLab 64.5690, -34.9828, 4.2537 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(64, 192, 170) }
```


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

```
.border{ border-color:rgb(64, 192, 170) }
```

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

Here you see how a box with a 4 pixel rgb(64, 192, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 192, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 192, 170);  
box-shadow:4px 4px 4px 4px rgb(64, 192,  
170) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.5690, -34.9828, 4.2537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 192, 170) }
```

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

```
.background{ background-color: rgb(64, 192,  
170) }
```

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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