

Converting Colors

HunterLab(56.8778, -34.7738,
4.2216)

Have a look what the booklet for
HunterLab(56.8778, -34.7738,
4.2216) contains.

HunterLab(57.0087, -34.9792, 4.5073)	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(57.0087,
-34.9792, 4.5073)**

Conversions

Conversions Part 1

Format	Color
Hex	04AE96
RGB	4, 174, 150
RGB Percent	2%, 68%, 59%
CMY	0.9842, 0.3176, 0.4118
CMYK	0.98, 0.00, 0.14, 0.32
HSL	172°, 95%, 35%
HSV	172°, 98%, 68%
XYZ	20.6911, 32.4999, 34.0368
YIQ	120.4340, -93.6160, -43.5040

Conversions

Conversions Part 2

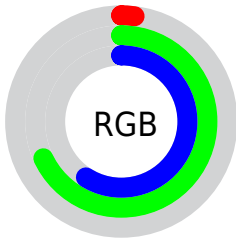
Format	Color
RYB	4, 95, 174
Decimal	306838
CIELab	63.75, -42.98, 1.77
CIElCh	64, 43.021, 177.639
Yxy	32.5012, 0.2372, 0.3726
Android (android.graphics.Color)	4278496918 (0xFF04AE96)
YUV	120.4340, 14.5760, -102.1126
Hunter-Lab	57.0087, -34.9792, 4.5073

Details

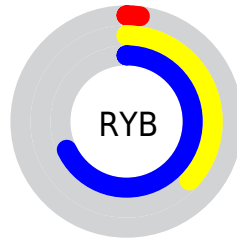
The HunterLab color **57.0087, -34.9792, 4.5073** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **30.2824, 51.3958, 17.4058**, and the grayscale version is **43.4813, -2.3201, 2.3624**.

A 20% lighter version of the original color is **79.6493, -40.7346, 5.8419**, and **37.8600, -23.9704, 4.4235** is the 20% darker color. If you saturate the color by 10%, you get **56.9710, -35.1682, 4.7092**, and if you desaturate by 10%, it is **57.2008, -34.0698, 3.6553**.

Distribution



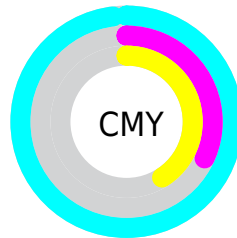
- Red (2%)
- Green (68%)
- Blue (59%)



- Red (2%)
- Yellow (37%)
- Blue (68%)



- Cyan (98%)
- Magenta (0%)
- Yellow (14%)
- Black (32%)



- Cyan (98%)
- Magenta (32%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 57.0087, -34.9792, 4.5073 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 57.0087, -34.9792, 4.5073 by changing the saturation by 10% instead.

■ 57.0087, -34.9792,
4.5073

■ 57.0087, -34.9792,
4.5073

177.0299,
-59.3394, 11.6997

■ 46.6311, -31.8021,
3.8495

■ 79.7471, -40.9151,
5.9160

■ 36.9721, -28.4302,
3.2231

■ 92.0342, -43.7278,
6.6634

■ 28.0910, -24.7974,
2.6300

■ 104.8946,
-46.4621, 7.4385

■ 20.0632, -20.7990,
2.0710

■ 118.3039,
-49.1312, 8.2403

■ 12.9913, -17.2662,
1.5466

■ 132.2403,
-51.7457, 9.0681

■ 6.4474, -11.2830,
1.4904

■ 146.6847,

0.0000, NaN, NaN

-54.3142, 9.9210

0.0000, NaN, NaN

161.6198,
-56.8435, 10.7984

0.0000, NaN, NaN

■ 57.0087, -34.9792,
4.5073

■ 57.0087, -34.9792,
4.5073

■ 56.9710, -35.1682,
4.7092

■ 57.2008, -34.0698,
3.6553

■ 57.5020, -32.7205,
2.9234

■ 57.9374, -30.8449,
2.3470

■ 58.5202, -28.4061,
1.9468

■ 59.2599, -25.3877,
1.7379

■ 60.1624, -21.7916,
1.7300

■ 61.2314, -17.6347,
1.9278

■ 62.4677, -12.9461,
2.3314

■ 63.8703, -7.7638,
2.9367

Harmonies

Analogous

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



57.0098, -30.5900, 18.6692



57.0087, -34.9792, 4.5073



57.0098, -31.7795, -15.3598

Triad

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



57.0098, -34.9794, 4.5079



57.0098, 14.7975, -36.7636



57.0098, 17.7226, 25.2500

Complementary

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



57.0087, -34.9792, 4.5073



30.2824, 51.3958, 17.4058

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.



57.0098, 32.8224, 16.9146



57.0087, -34.9792, 4.5073



57.0098, 30.9850, -18.6553

Square

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



57.0098, -34.9794, 4.5079



57.0098, -4.5331, -43.3242



57.0098, 37.9629, 1.6618



57.0098, -1.5413, 27.9525

Rectangle

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



57.0087, -34.9792, 4.5073



57.0098, -25.5074, -28.7770



57.0098, 37.9629, 1.6618



57.0098, 23.5438, 23.1818

Sweetspot

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



57.0098, -34.9794, 4.5079



82.1863, -24.8268, 2.5270



55.2728, -46.0895, 33.1281



38.4573, -12.8260, 1.1328



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.



57.0098, -34.9794, 4.5079



76.7116, -47.4637, 6.5777



39.0281, -5.3408, -36.8805



30.0871, -4.0811, 1.3361



48.5253, -29.9094, 3.9133



8.1258, -4.7941, 0.1925

Inverse Universe

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



30.2824, 51.3958, 17.4058



40.5306, 69.6678, 24.1907



35.5249, 34.7287, 22.3055



28.3427, 1.0960, 1.9081



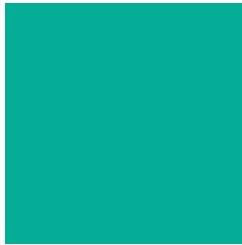
25.6551, 44.1498, 14.9144



4.3436, 7.6021, 1.5394

Previews

White Background



This preview shows how the HunterLab color 57.0087, -34.9792, 4.5073 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 57.0087, -34.9792, 4.5073 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

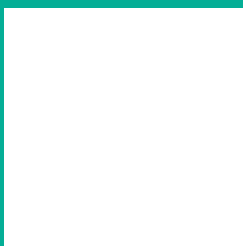
Any Text WCAG AAA ✓ Pass

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

HunterLab 57.0087, -34.9792, 4.5073 Background



This preview shows how black text looks on a background with the HunterLab color 57.0087, -34.9792, 4.5073.



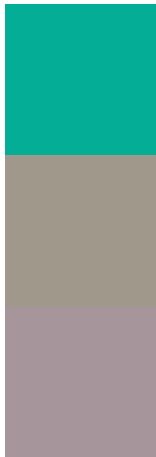
This preview shows how white text looks on a background with the HunterLab color 57.0087, -34.9792, 4.5073.

-34.9792, 4.5073.

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

57.0087, -34.9792, 4.5073

Protanopia

56.6746, -2.9659, 9.3174

Deuteranopia

56.6663, 3.7910, 2.0751



Tritanopia

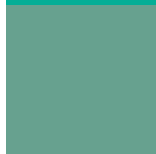
56.9414, -24.5559, -11.9904

Trichromacy



Original Color

57.0087, -34.9792, 4.5073



Protanomaly

55.0967, -20.9448, 5.6193



Deuteranomaly

54.7494, -16.7687, 0.3354



Tritanomaly

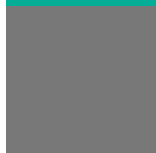
56.8974, -28.9539, -5.5952

Monochromacy



Original Color

57.0087, -34.9792, 4.5073



Achromatopsia

43.3383, -2.3124, 2.3547



Achromatomaly

46.9197, -18.8933, 1.4469

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 57.0087, -34.9792, 4.5073 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(4, 174, 150)` looks like.

```
.text, #text, p{  
    color:rgb(4, 174, 150)  
}
```

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(4, 174, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 174, 150) }
```

Border

The CSS property to change the border of an element to HunterLab 57.0087, -34.9792, 4.5073 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(4, 174, 150) }
```


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

```
.border{ border-color:rgb(4, 174, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 174, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 174, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 174, 150);  
box-shadow:4px 4px 4px 4px rgb(4, 174,  
150) }
```

Background

The CSS property to change the background color of an element to HunterLab 57.0087, -34.9792, 4.5073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 174, 150) }
```

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

```
.background{ background-color: rgb(4, 174,  
150) }
```

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