

Converting Colors

HunterLab(55.8580, -34.6344,
4.9481)

Have a look what the booklet for
HunterLab(55.8580, -34.6344,
4.9481) contains.

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Color

**HunterLab(55.8580,
-34.6344, 4.9481)**

Conversions

Conversions Part 1

Format	Color
Hex	00AB92
RGB	0, 171, 146
RGB Percent	0%, 67%, 57%
CMY	0.9999, 0.3294, 0.4274
CMYK	1.00, 0.00, 0.15, 0.33
HSL	171°, 100%, 34%
HSV	171°, 100%, 67%
XYZ	19.7512, 31.2012, 32.1756
YIQ	117.0210, -93.8910, -44.0270

Conversions

Conversions Part 2

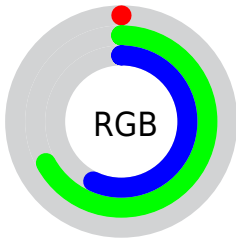
Format	Color
RYB	0, 92, 171
Decimal	43922
CIELab	62.68, -42.97, 2.44
CIELCh	63, 43.037, 176.755
Yxy	31.2024, 0.2376, 0.3753
Android (android.graphics.Color)	4278234002 (0xFF00AB92)
YUV	117.0210, 14.2866, -102.6274
Hunter-Lab	55.8580, -34.6344, 4.9481

Details

The HunterLab color **55.8580, -34.6344, 4.9481** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **29.5449, 50.8302, 17.2470**, and the grayscale version is **42.1608, -2.2496, 2.2907**.

A 20% lighter version of the original color is **78.4143, -40.4553, 6.2936**, and **37.1502, -23.7407, 4.8148** is the 20% darker color. If you saturate the color by 10%, you get **55.8589, -34.6357, 4.9499**, and if you desaturate by 10%, it is **56.0368, -33.7767, 4.0739**.

Distribution



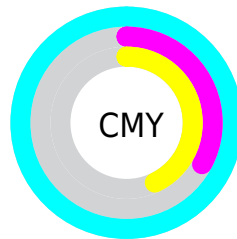
- Red (0%)
- Green (67%)
- Blue (57%)



- Red (0%)
- Yellow (36%)
- Blue (67%)



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.8580, -34.6344, 4.9481 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 55.8580, -34.6344, 4.9481 by changing the saturation by 10% instead.

■ 55.8580, -34.6344,
4.9481

■ 55.8580, -34.6344,
4.9481

175.3481,
-59.0542, 12.3656

■ 45.5554, -31.4399,
4.2578

■ 78.4592, -40.5944,
6.4155

■ 35.9772, -28.0448,
3.5961

■ 90.6830, -43.4156,
7.1900

■ 27.1840, -24.3799,
2.9640

■ 103.4830,
-46.1567, 7.9907

■ 19.2535, -20.3349,
2.3611

■ 116.8342,
-48.8315, 8.8171

■ 12.2924, -17.3719,
1.7852

■ 130.7148,
-51.4508, 9.6683

■ 5.4450, -9.5288,
2.1510

■ 145.1054,

0.0000, NaN, NaN

-54.0231, 10.5439

0.0000, NaN, NaN

159.9884,
-56.5557, 11.4432

0.0000, NaN, NaN

■ 55.8580, -34.6344,
4.9481

■ 55.8580, -34.6344,
4.9481

■ 55.8589, -34.6357,
4.9499

■ 56.0368, -33.7767,
4.0739

■ 56.3073, -32.5472,
3.2964

■ 56.7059, -30.8132,
2.6640

■ 57.2464, -28.5335,
2.1986

■ 57.9385, -25.6884,
1.9164

■ 58.7891, -22.2760,
1.8281

■ 59.8019, -18.3101,
1.9399

■ 60.9785, -13.8169,
2.2529

■ 62.3181, -8.8320,
2.7645

Harmonies

Analogous

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



55.8591, -30.0694, 18.7738



55.8580, -34.6344, 4.9481



55.8591, -31.6881, -14.7223

Triad

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



55.8591, -34.6346, 4.9487



55.8591, 14.2046, -37.1094



55.8591, 18.2045, 24.8026

Complementary

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



55.8580, -34.6344, 4.9481



29.5449, 50.8302, 17.2470

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.



55.8591, 33.0229, 16.3899



55.8580, -34.6344, 4.9481



55.8591, 30.5077, -19.2380

Square

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



55.8591, -34.6346, 4.9487



55.8591, -5.0112, -43.2270



55.8591, 37.7959, 1.0626



55.8591, -0.9264, 27.5995

Rectangle

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



55.8580, -34.6344, 4.9481



55.8591, -25.6159, -28.1838



55.8591, 37.7959, 1.0626



55.8591, 23.9474, 22.7091

Sweetspot

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



55.8591, -34.6346, 4.9487



79.9501, -24.8102, 2.5810



54.1684, -45.4277, 32.5823



37.4828, -12.7762, 1.1774



93.2148, -4.9737, 5.0645



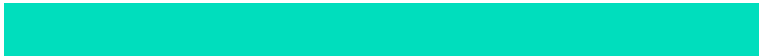
40.3295, -2.1519, 2.1912

Same Dimension

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



55.8591, -34.6346, 4.9487



74.7361, -46.4504, 6.8594



37.8738, -4.7597, -37.0621



30.0860, -4.0875, 1.3526



48.5046, -30.0343, 4.2089



8.1233, -4.8091, 0.2280

Inverse Universe

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



29.5449, 50.8302, 17.2470



39.5128, 67.9369, 23.4392



34.4614, 35.0203, 21.8470



28.3438, 1.1020, 1.8921



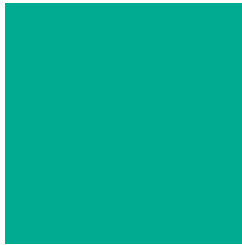
25.6607, 44.1705, 14.8316



4.3465, 7.6127, 1.4971

Previews

White Background



This preview shows how the HunterLab color 55.8580, -34.6344, 4.9481 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 55.8580, -34.6344, 4.9481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

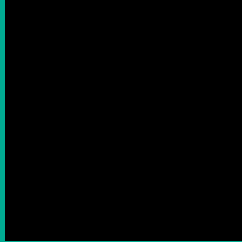
Any Text WCAG AA ✓ Pass

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 55.8580, -34.6344, 4.9481 Background



This preview shows how black text looks on a background with the HunterLab color 55.8580, -34.6344, 4.9481.



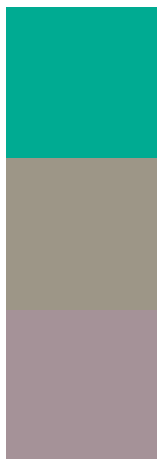
This preview shows how white text looks on a background with the HunterLab color 55.8580,

-34.6344, 4.9481.

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

55.8580, -34.6344, 4.9481

Protanopia

55.4347, -3.0376, 9.5896

Deuteranopia

55.5195, 3.9987, 2.5576



Tritanopia

55.8535, -23.9404, -11.8392

Trichromacy



Original Color

55.8580, -34.6344, 4.9481



Protanomaly

53.8768, -20.9236, 5.9521



Deuteranomaly

53.5238, -16.7888, 0.7245



Tritanomaly

55.7886, -28.4054, -5.4914

Monochromacy



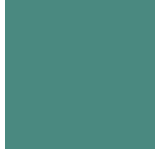
Original Color

55.8580, -34.6344, 4.9481



Achromatopsia

42.1768, -2.2504, 2.2915



Achromatomaly

45.7227, -18.8553, 1.3621

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.8580, -34.6344, 4.9481 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(0, 171, 146)` looks like.

```
.text, #text, p{  
    color:rgb(0, 171, 146)  
}
```

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(0, 171, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 171, 146) }
```

Border

The CSS property to change the border of an element to HunterLab 55.8580, -34.6344, 4.9481 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(0, 171, 146) }
```


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

```
.border{ border-color:rgb(0, 171, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 171, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 171, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 171, 146);  
box-shadow:4px 4px 4px 4px rgb(0, 171,  
146) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.8580, -34.6344, 4.9481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 171, 146) }
```

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

```
.background{ background-color: rgb(0, 171,  
146) }
```

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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