

Converting Colors

HunterLab(53.0342, -46.3218,
-0.2550)

Have a look what the booklet for
HunterLab(53.0342, -46.3218,
-0.2550) contains.

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Color

**HunterLab(55.9713,
-33.9504, 3.3298)**

Conversions

Conversions Part 1

Format	Color
Hex	00AB96
RGB	0, 171, 150
RGB Percent	0%, 67%, 59%
CMY	0.9999, 0.3294, 0.4118
CMYK	1.00, 0.00, 0.12, 0.33
HSL	173°, 100%, 34%
HSV	173°, 100%, 67%
XYZ	20.0679, 31.3279, 33.8434
YIQ	117.4770, -95.1750, -42.7830

Conversions

Conversions Part 2

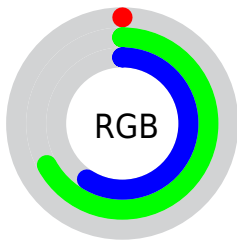
Format	Color
RYB	0, 91, 171
Decimal	43926
CIELab	62.78, -41.85, 0.36
CIELCh	63, 41.854, 179.512
Yxy	31.3291, 0.2354, 0.3675
Android (android.graphics.Color)	4278234006 (0xFF00AB96)
YUV	117.4770, 16.0338, -103.0273
Hunter-Lab	55.9713, -33.9504, 3.3298

Details

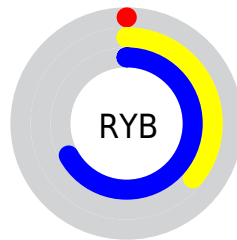
The HunterLab color **55.9713, -33.9504, 3.3298** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **29.5177, 50.7296, 17.6495**, and the grayscale version is **42.3307, -2.2587, 2.2999**.

A 20% lighter version of the original color is **78.5350, -39.7386, 4.5694**, and **37.2260, -23.2820, 3.7300** is the 20% darker color. If you saturate the color by 10%, you get **55.9722, -33.9516, 3.3314**, and if you desaturate by 10%, it is **56.1404, -33.1525, 2.5946**.

Distribution



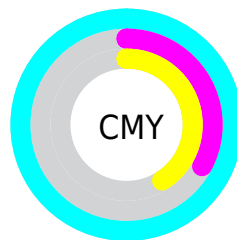
- Red (0%)
- Green (67%)
- Blue (59%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (12%)
- Black (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.9713, -33.9504, 3.3298 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 55.9713, -33.9504, 3.3298 by changing the saturation by 10% instead.

■ 55.9713, -33.9504,
3.3298

■ 55.9713, -33.9504,
3.3298

■ 175.5139,
-57.8652, 9.9695

■ 45.6613, -30.8323,
2.7505

■ 78.5861, -39.7748,
4.5955

■ 36.0750, -27.5214,
2.2085

■ 90.8162, -42.5349,
5.2770

■ 27.2731, -23.9510,
1.7074

■ 103.6221,
-45.2183, 5.9891

■ 19.3330, -20.0146,
1.2509

■ 116.9791,
-47.8384, 6.7306

■ 12.3609, -16.9595,
0.8435

■ 130.8652,
-50.4055, 7.5003

■ 5.5521, -9.7161,
0.5683

■ 145.2611,

0.0000, NaN, NaN

-52.9280, 8.2973

0.0000, NaN, NaN

160.1493,
-55.4127, 9.1207

0.0000, NaN, NaN

■ 55.9713, -33.9504,
3.3298

■ 55.9713, -33.9504,
3.3298

■ 55.9722, -33.9516,
3.3314

■ 56.1404, -33.1525,
2.5946

■ 56.4009, -31.9864,
1.9631

■ 56.7888, -30.3193,
1.4839

■ 57.3180, -28.1093,
1.1779

■ 57.9987, -25.3358,
1.0602

■ 58.8374, -21.9960,
1.1406

■ 59.8381, -18.1025,
1.4235

■ 61.0026, -13.6807,
1.9091

■ 62.3301, -8.7653,
2.5932

Harmonies

Analogous

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



55.9724, -30.1468, 17.4818



55.9713, -33.9504, 3.3298



55.9724, -30.3854, -16.0304

Triad

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



55.9724, -33.9506, 3.3304



55.9724, 15.3781, -34.5112



55.9724, 15.9618, 24.8635

Complementary

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



55.9713, -33.9504, 3.3298



29.5177, 50.7296, 17.6495

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.



55.9724, 30.9610, 17.1292



55.9713, -33.9504, 3.3298



55.9724, 30.5948, -16.6866

Square

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



55.9724, -33.9506, 3.3304



55.9724, -3.2883, -41.7005



55.9724, 36.6258, 2.7615



55.9724, -2.6902, 27.2125

Rectangle

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



55.9713, -33.9504, 3.3298



55.9724, -24.0115, -28.7738



55.9724, 36.6258, 2.7615



55.9724, 21.6811, 22.9616

Sweetspot

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



55.9724, -33.9506, 3.3304



79.9995, -24.5270, 1.8775



54.1359, -45.5665, 32.5599



37.5093, -12.6237, 0.8007



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.



55.9724, -33.9506, 3.3304



74.8899, -45.5215, 4.6620



37.0555, -3.4459, -38.8754



30.0914, -4.0575, 1.2756



48.6022, -29.4454, 2.8156



8.1350, -4.7388, 0.0616

Inverse Universe

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



29.5177, 50.7296, 17.6495



39.4794, 67.8130, 23.9341



34.9024, 33.8264, 22.0978



28.3386, 1.0739, 1.9667



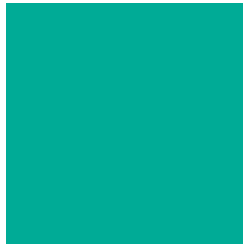
25.6360, 44.0790, 15.1969



4.3330, 7.5629, 1.6947

Previews

White Background



This preview shows how the HunterLab color 55.9713, -33.9504, 3.3298 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 55.9713, -33.9504, 3.3298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

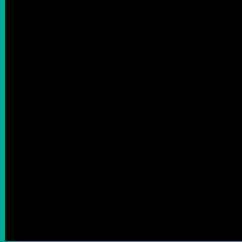
Any Text WCAG AA ✓ Pass

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 55.9713, -33.9504, 3.3298 Background



This preview shows how black text looks on a background with the HunterLab color 55.9713, -33.9504, 3.3298.



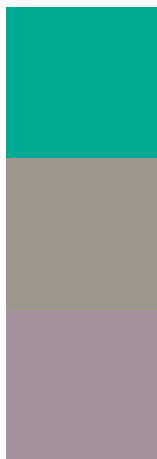
This preview shows how white text looks on a background with the HunterLab color 55.9713, -33.9504, 3.3298.

-33.9504, 3.3298.

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

55.9713, -33.9504, 3.3298

Protanopia

55.4479, -2.7847, 7.9994

Deuteranopia

55.4174, 3.8358, 1.0377



Tritanopia

56.1369, -24.5220, -11.4433

Trichromacy



Original Color

55.9713, -33.9504, 3.3298



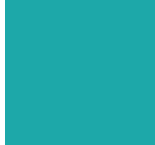
Protanomaly

53.9347, -20.4821, 4.3089



Deuteranomaly

53.5590, -16.4744, -0.6474



Tritanomaly

55.7952, -28.3125, -6.0021

Monochromacy



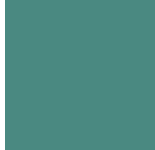
Original Color

55.9713, -33.9504, 3.3298



Achromatopsia

42.1768, -2.2504, 2.2915



Achromatomaly

45.7517, -18.6865, 0.9502

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.9713, -33.9504, 3.3298 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, 150)` looks like.

```
.text, #text, p{  
    color:rgb(0, 171, 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(0, 171, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 171, 150) }
```

Border

The CSS property to change the border of an element to HunterLab 55.9713, -33.9504, 3.3298 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, 150) }
```


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

```
.border{ border-color:rgb(0, 171, 150) }
```

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, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 171, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 171, 150);  
box-shadow:4px 4px 4px 4px rgb(0, 171,  
150) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.9713, -33.9504, 3.3298 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, 150) }
```

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

```
.background{ background-color: rgb(0, 171,  
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](#).

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