

Converting Colors

HunterLab(57.0573, -33.1933,
0.3380)

Have a look what the booklet for
HunterLab(57.0573, -33.1933,
0.3380) contains.

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Color

**HunterLab(56.9125,
-33.1004, 0.3186)**

Conversions

Conversions Part 1

Format	Color
Hex	00AD9F
RGB	0, 173, 159
RGB Percent	0%, 68%, 62%
CMY	0.9999, 0.3216, 0.3765
CMYK	1.00, 0.00, 0.08, 0.32
HSL	175°, 100%, 34%
HSV	175°, 100%, 68%
XYZ	21.2016, 32.3903, 37.9354
YIQ	119.6770, -98.6140, -41.0300

Conversions

Conversions Part 2

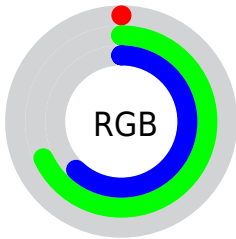
Format	Color
RYB	0, 90, 173
Decimal	44447
CIELab	63.67, -40.14, -3.38
CIELCh	64, 40.286, 184.811
Yxy	32.3916, 0.2316, 0.3539
Android (android.graphics.Color)	4278234527 (0xFF00AD9F)
YUV	119.6770, 19.3862, -104.9567
Hunter-Lab	56.9125, -33.1004, 0.3186

Details

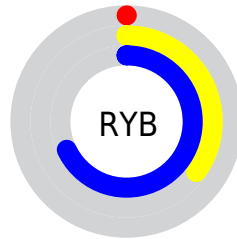
The HunterLab color **56.9125, -33.1004, 0.3186** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **29.8612, 51.2396, 18.4705**, and the grayscale version is **43.1714, -2.3035, 2.3456**.

A 20% lighter version of the original color is **79.5780, -38.6004, 0.9606**, and **38.0994, -22.5250, 1.0041** is the 20% darker color. If you saturate the color by 10%, you get **56.9134, -33.1016, 0.3200**, and if you desaturate by 10%, it is **57.0635, -32.4149, -0.1522**.

Distribution



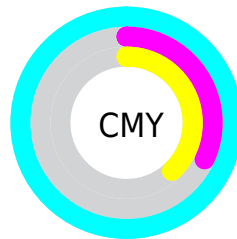
- Red (0%)
- Green (68%)
- Blue (62%)



- Red (0%)
- Yellow (35%)
- Blue (68%)



- Cyan (100%)
- Magenta (0%)
- Yellow (8%)
- Black (32%)



- Cyan (100%)
- Magenta (32%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.9125, -33.1004, 0.3186 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 56.9125, -33.1004, 0.3186 by changing the saturation by 10% instead.

■ 56.9125, -33.1004,
0.3186

■ 56.9125, -33.1004,
0.3186

■ 176.8895,
-56.2067, 5.6258

■ 46.5411, -30.1096,
-0.0742

■ 79.6394, -38.7030,
1.2422

■ 36.8888, -26.9414,
-0.4165

■ 91.9213, -41.3644,
1.7651

■ 28.0150, -23.5348,
-0.7015

■ 104.7767,
-43.9555, 2.3254

■ 19.9953, -19.7924,
-0.9209

■ 118.1811,
-46.4884, 2.9212

■ 12.9325, -16.3119,
-1.0623

■ 132.1129,
-48.9730, 3.5506

■ 6.3699, -11.1474,
-1.8520

■ 146.5528,

0.0000, NaN, NaN

-51.4168, 4.2120

0.0000, NaN, NaN

161.4836,
-53.8263, 4.9041

0.0000, NaN, NaN

■ 56.9125, -33.1004,
0.3186

■ 56.9125, -33.1004,
0.3186

■ 56.9134, -33.1016,
0.3200

■ 57.0635, -32.4149,
-0.1522

■ 57.3067, -31.3601,
-0.5069

■ 57.6783, -29.8026,
-0.6970

■ 58.1927, -27.6984,
-0.7026

■ 58.8600, -25.0248,
-0.5102

■ 59.6874, -21.7770,
-0.1124

■ 60.6791, -17.9661,
0.4932

■ 61.8369, -13.6159,
1.3043

■ 63.1604, -8.7604,
2.3145

Harmonies

Analogous

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



56.9136, -30.6440, 15.2114



56.9125, -33.1004, 0.3186



56.9136, -28.3417, -18.6206

Triad

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



56.9136, -33.1006, 0.3193



56.9136, 17.6899, -30.3509



56.9136, 12.1588, 25.2753

Complementary

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



56.9125, -33.1004, 0.3186



29.8612, 51.2396, 18.4705

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.



56.9136, 27.6377, 18.6361



56.9125, -33.1004, 0.3186



56.9136, 31.0944, -12.4507

Square

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



56.9136, -33.1006, 0.3193



56.9136, -0.1614, -39.4504



56.9136, 34.9393, 5.7432



56.9136, -5.8622, 26.8151

Rectangle

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



56.9125, -33.1004, 0.3186



56.9136, -21.3305, -30.1627



56.9136, 34.9393, 5.7432



56.9136, 17.8991, 23.6920

Sweetspot

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



56.9136, -33.1006, 0.3193



81.1262, -24.3370, 0.6092



54.7587, -46.5003, 32.9271



37.5573, -12.3471, 0.1174



93.2148, -4.9737, 5.0645



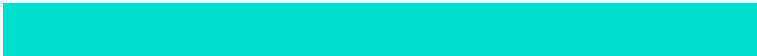
40.3295, -2.1519, 2.1912

Same Dimension

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



56.9136, -33.1006, 0.3193



76.1540, -44.3579, 0.5702



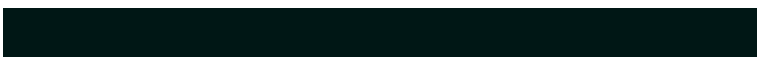
35.0871, 0.6135, -45.1773



30.1011, -4.0036, 1.1374



48.7847, -28.3470, 0.2164



8.1566, -4.6095, -0.2445

Inverse Universe

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



29.8612, 51.2396, 18.4705



39.9443, 68.5166, 24.9531



36.7862, 30.5272, 23.2007



28.3293, 1.0237, 2.0998



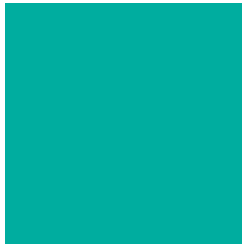
25.6004, 43.9468, 15.7253



4.3086, 7.4731, 2.0517

Previews

White Background



This preview shows how the HunterLab color 56.9125, -33.1004, 0.3186 looks on a white background.

Color Contrast Check

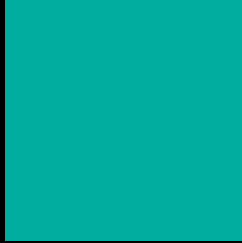
Large Text (above 18pt) WCAG AA × Fail

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 56.9125, -33.1004, 0.3186 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

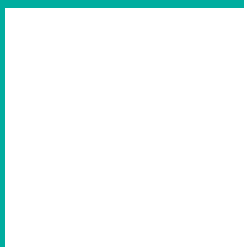
Any Text WCAG AAA ✓ Pass

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

HunterLab 56.9125, -33.1004, 0.3186 Background



This preview shows how black text looks on a background with the HunterLab color 56.9125, -33.1004, 0.3186.



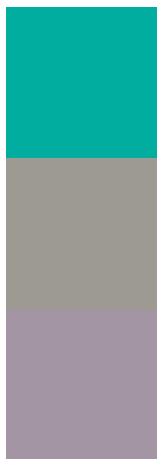
This preview shows how white text looks on a background with the HunterLab color 56.9125,

-33.1004, 0.3186.

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

56.9125, -33.1004, 0.3186

Protanopia

56.6190, -2.7310, 5.9346

Deuteranopia

56.5347, 3.8440, -1.9299



Tritanopia

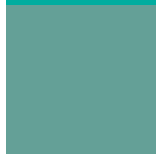
56.8217, -25.0179, -12.1705

Trichromacy



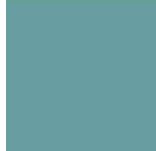
Original Color

56.9125, -33.1004, 0.3186



Protanomaly

54.8501, -19.7965, 1.8037



Deuteranomaly

54.7772, -16.1620, -3.5280



Tritanomaly

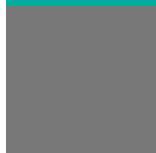
56.6025, -28.2041, -7.5613

Monochromacy



Original Color

56.9125, -33.1004, 0.3186



Achromatopsia

43.3383, -2.3124, 2.3547



Achromatomaly

46.6079, -18.3098, -0.2923

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.9125, -33.1004, 0.3186 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, 173, 159)` looks like.

```
.text, #text, p{  
    color:rgb(0, 173, 159)  
}
```

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, 173, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 173, 159) }
```

Border

The CSS property to change the border of an element to HunterLab 56.9125, -33.1004, 0.3186 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, 173, 159) }
```


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

```
.border{ border-color:rgb(0, 173, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 173, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 173, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 173, 159);  
box-shadow:4px 4px 4px 4px rgb(0, 173,  
159) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.9125, -33.1004, 0.3186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 173, 159) }
```

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

```
.background{ background-color: rgb(0, 173,  
159) }
```

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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