

Converting Colors

HunterLab(56.0571, -33.4402,
2.1213)

Have a look what the booklet for
HunterLab(56.0571, -33.4402,
2.1213) contains.

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Color

**HunterLab(56.0587,
-33.4237, 2.0838)**

Conversions

Conversions Part 1

Format	Color
Hex	00AB99
RGB	0, 171, 153
RGB Percent	0%, 67%, 60%
CMY	0.9999, 0.3294, 0.4000
CMYK	1.00, 0.00, 0.11, 0.33
HSL	174°, 100%, 34%
HSV	174°, 100%, 67%
XYZ	20.3127, 31.4258, 35.1322
YIQ	117.8190, -96.1380, -41.8500

Conversions

Conversions Part 2

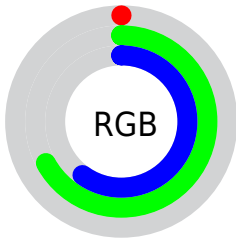
Format	Color
RYB	0, 90, 171
Decimal	43929
CIELab	62.87, -41.00, -1.20
CIELCh	63, 41.017, 181.677
Yxy	31.4270, 0.2338, 0.3618
Android (android.graphics.Color)	4278234009 (0xFF00AB99)
YUV	117.8190, 17.3442, -103.3273
Hunter-Lab	56.0587, -33.4237, 2.0838

Details

The HunterLab color **56.0587, -33.4237, 2.0838** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **29.5001, 50.6632, 17.9122**, and the grayscale version is **42.4588, -2.2655, 2.3069**.

A 20% lighter version of the original color is **78.6275, -39.1904, 3.2504**, and **37.3044, -22.8080, 2.6087** is the 20% darker color. If you saturate the color by 10%, you get **56.0595, -33.4250, 2.0854**, and if you desaturate by 10%, it is **56.2202, -32.6732, 1.4590**.

Distribution



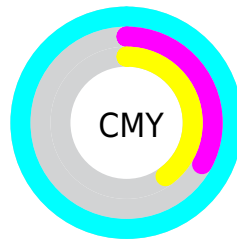
- Red (0%)
- Green (67%)
- Blue (60%)



- Red (0%)
- Yellow (35%)
- Blue (67%)



- Cyan (100%)
- Magenta (0%)
- Yellow (11%)
- Black (33%)





- Cyan (100%)
- Magenta (33%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 56.0587, -33.4237, 2.0838 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 56.0587, -33.4237, 2.0838 by changing the saturation by 10% instead.


 56.0587, -33.4237,
2.0838


 56.0587, -33.4237,
2.0838


175.6418,
-56.9542, 8.1523


 45.7430, -30.3637,
1.5851


 78.6840, -39.1450,
3.2022


 36.1505, -27.1168,
1.1298


 90.9189, -41.8585,
3.8156

 27.3419, -23.6182,
0.7230


 103.7294,
-44.4981, 4.4626

 19.3943, -19.7642,
0.3707

 117.0908,
-47.0765, 5.1417

 12.4137, -16.6487,
0.0817

 130.9812,
-49.6040, 5.8513

 5.6332, -9.8581,
-0.5767

 145.3812,

0.0000, NaN, NaN

-52.0885, 6.5904

0.0000, NaN, NaN

160.2733,
-54.5368, 7.3577

0.0000, NaN, NaN

■ 56.0587, -33.4237,
2.0838

■ 56.0587, -33.4237,
2.0838

■ 56.0595, -33.4250,
2.0854

■ 56.2202, -32.6732,
1.4590

■ 56.4726, -31.5568,
0.9427

■ 56.8522, -29.9418,
0.5832

■ 57.3728, -27.7857,
0.4010

■ 58.0445, -25.0672,
0.4104

■ 58.8742, -21.7829,
0.6201

■ 59.8658, -17.9445,
1.0337

■ 61.0211, -13.5767,
1.6503

■ 62.3395, -8.7137,
2.4648

Harmonies

Analogous

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



56.0598, -30.1958, 16.4720



56.0587, -33.4237, 2.0838



56.0598, -29.3877, -17.0151

Triad

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



56.0598, -33.4239, 2.0845



56.0598, 16.2549, -32.5870



56.0598, 14.2927, 24.9035

Complementary

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



56.0587, -33.4237, 2.0838



29.5001, 50.6632, 17.9122

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.



56.0598, 29.4163, 17.6694



56.0587, -33.4237, 2.0838



56.0598, 30.6455, -14.8165

Square

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



56.0598, -33.4239, 2.0845



56.0598, -1.9830, -40.5478



56.0598, 35.7366, 4.0016



56.0598, -3.9983, 26.9093

Rectangle

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



56.0587, -33.4237, 2.0838



56.0598, -22.7853, -29.2024



56.0598, 35.7366, 4.0016



56.0598, 19.9915, 23.1444

Sweetspot

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



56.0598, -33.4239, 2.0845



80.0368, -24.3130, 1.3461



54.1067, -45.6910, 32.5396



37.5293, -12.5084, 0.5159



93.2148, -4.9737, 5.0645



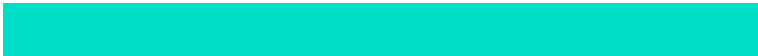
40.3295, -2.1519, 2.1912

Same Dimension

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



56.0598, -33.4239, 2.0845



75.0086, -44.8062, 2.9695



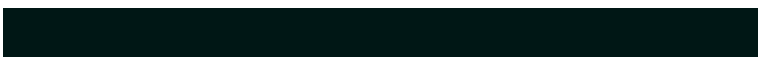
36.2464, -2.1196, -40.7267



30.0954, -4.0349, 1.2178



48.6774, -28.9922, 1.7433



8.1439, -4.6851, -0.0654

Inverse Universe

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



29.5001, 50.6632, 17.9122



39.4579, 67.7332, 24.2531



35.3615, 32.6051, 22.3591



28.3347, 1.0528, 2.0225



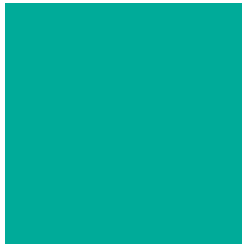
25.6198, 44.0188, 15.4374



4.3228, 7.5254, 1.8437

Previews

White Background



This preview shows how the HunterLab color 56.0587, -33.4237, 2.0838 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 56.0587, -33.4237, 2.0838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

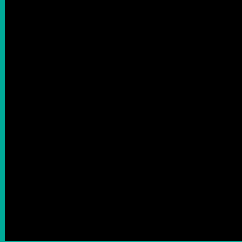
Any Text WCAG AA ✓ Pass

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 56.0587, -33.4237, 2.0838 Background



This preview shows how black text looks on a background with the HunterLab color 56.0587, -33.4237, 2.0838.



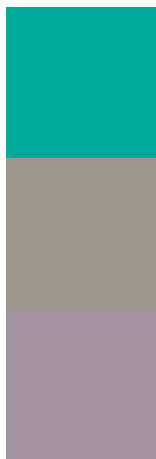
This preview shows how white text looks on a background with the HunterLab color 56.0587,

-33.4237, 2.0838.

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

56.0587, -33.4237, 2.0838

Protanopia

55.8159, -2.8266, 7.1600

Deuteranopia

55.6933, 3.5137, -0.0573



Tritanopia

56.1330, -24.4645, -12.0142

Trichromacy



Original Color

56.0587, -33.4237, 2.0838



Protanomaly

54.0201, -19.9870, 3.0900



Deuteranomaly

53.9081, -16.5833, -1.6650



Tritanomaly

55.8502, -27.9609, -6.9759

Monochromacy



Original Color

56.0587, -33.4237, 2.0838



Achromatopsia

42.5634, -2.2711, 2.3126



Achromatomaly

45.8540, -18.1776, 0.1722

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.0587, -33.4237, 2.0838 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, 153)` looks like.

```
.text, #text, p{  
    color:rgb(0, 171, 153)  
}
```

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, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 171, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 56.0587, -33.4237, 2.0838 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, 153) }
```


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

```
.border{ border-color:rgb(0, 171, 153) }
```

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, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 171, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 171, 153);  
box-shadow:4px 4px 4px 4px rgb(0, 171,  
153) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.0587, -33.4237, 2.0838 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, 153) }
```

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

```
.background{ background-color: rgb(0, 171,  
153) }
```

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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