

Converting Colors

HunterLab(55.5284, -36.2692,
8.8891)

Have a look what the booklet for
HunterLab(55.5284, -36.2692,
8.8891) contains.

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Color

**HunterLab(55.5908,
-36.2537, 8.7776)**

Conversions

Conversions Part 1

Format	Color
Hex	00AB88
RGB	0, 171, 136
RGB Percent	0%, 67%, 53%
CMY	0.9999, 0.3294, 0.4667
CMYK	1.00, 0.00, 0.20, 0.33
HSL	168°, 100%, 34%
HSV	168°, 100%, 67%
XYZ	19.0068, 30.9034, 28.2557
YIQ	115.8810, -90.6810, -47.1370

Conversions

Conversions Part 2

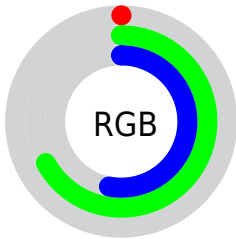
Format	Color
RYB	0, 95, 171
Decimal	43912
CIELab	62.43, -45.65, 7.65
CIELCh	62, 46.291, 170.489
Yxy	30.9046, 0.2432, 0.3954
Android (android.graphics.Color)	4278233992 (0xFF00AB88)
YUV	115.8810, 9.9187, -101.6276
Hunter-Lab	55.5908, -36.2537, 8.7776

Details

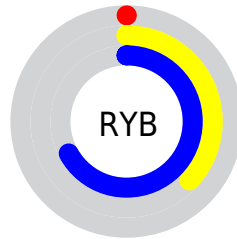
The HunterLab color **55.5908, -36.2537, 8.7776** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **29.6312, 51.1509, 15.9694**, and the grayscale version is **41.7357, -2.2269, 2.2676**.

A 20% lighter version of the original color is **78.0637, -42.4757, 10.7931**, and **36.9171, -25.1591, 8.1681** is the 20% darker color. If you saturate the color by 10%, you get **55.5917, -36.2550, 8.7794**, and if you desaturate by 10%, it is **55.7906, -35.2642, 7.5975**.

Distribution



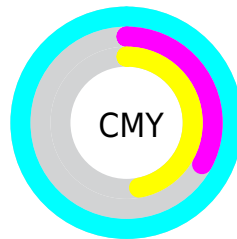
- Red (0%)
- Green (67%)
- Blue (53%)



- Red (0%)
- Yellow (37%)
- Blue (67%)



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (33%)





- Cyan (100%)
- Magenta (33%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 55.5908, -36.2537, 8.7776 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 55.5908, -36.2537, 8.7776 by changing the saturation by 10% instead.


 55.5908, -36.2537,
8.7776


 55.5908, -36.2537,
8.7776


174.9567,
-61.8967, 18.2152


 45.3058, -32.8738,
7.7939


 78.1600, -42.5425,
10.7742


 35.7465, -29.2742,
6.8133


 90.3689, -45.5119,
11.7909


 26.9739, -25.3798,
5.8289


 103.1547,
-48.3928, 12.8219

 19.0664, -21.0715,
4.8276

 116.4924,
-51.2000, 13.8682

 12.1314, -18.3886,
3.7845

 130.3599,
-53.9454, 14.9304

 5.1835, -9.0711,
3.6284

 144.7379,

0.0000, NaN, NaN

-56.6384, 16.0088

0.0000, NaN, NaN

159.6088,
-59.2868, 17.1037

0.0000, NaN, NaN

■ 55.5908, -36.2537,
8.7776

■ 55.5908, -36.2537,
8.7776

■ 55.5917, -36.2550,
8.7794

■ 55.7906, -35.2642,
7.5975

■ 56.0838, -33.8921,
6.4920

■ 56.5066, -32.0049,
5.5095

■ 57.0728, -29.5632,
4.6738

■ 57.7920, -26.5493,
4.0038

■ 58.6706, -22.9638,
3.5135

■ 59.7124, -18.8232,
3.2121

■ 60.9184, -14.1558,
3.1042

■ 62.2879, -8.9998,
3.1905

Harmonies

Analogous

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



55.5919, -29.8150, 21.7392



55.5908, -36.2537, 8.7776



55.5919, -34.8074, -11.4831

Triad

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



55.5919, -36.2540, 8.7782



55.5919, 11.2535, -43.7556



55.5919, 23.8918, 24.6128

Complementary

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



55.5908, -36.2537, 8.7776



29.6312, 51.1509, 15.9694

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.



55.5919, 38.1802, 14.4432



55.5908, -36.2537, 8.7776



55.5919, 30.1927, -25.9021

Square

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



55.5919, -36.2540, 8.7782



55.5919, -9.2276, -46.9799



55.5919, 40.6372, -3.4151



55.5919, 3.5788, 28.4852

Rectangle

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



55.5908, -36.2537, 8.7776



55.5919, -29.4743, -26.6198



55.5919, 40.6372, -3.4151



55.5919, 29.6735, 22.0325

Sweetspot

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



55.5919, -36.2540, 8.7782



79.8285, -25.5080, 4.3138



54.3336, -44.7247, 32.6966



37.4179, -13.1510, 2.1031



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.



55.5919, -36.2540, 8.7782



74.3739, -48.6463, 12.0525



41.2271, -9.8898, -30.1796



30.0725, -4.1622, 1.5441



48.2745, -31.4293, 7.5079



8.0951, -4.9790, 0.6300

Inverse Universe

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



29.6312, 51.1509, 15.9694



39.6214, 68.3392, 21.8331



32.8790, 39.4849, 20.9502



28.3570, 1.1728, 1.7046



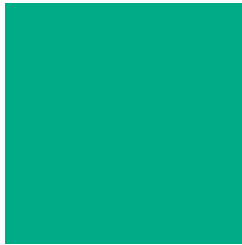
25.7384, 44.4581, 13.6842



4.3802, 7.7363, 1.0084

Previews

White Background



This preview shows how the HunterLab color 55.5908, -36.2537, 8.7776 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 55.5908, -36.2537, 8.7776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

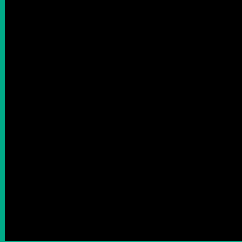
Any Text WCAG AA ✓ Pass

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 55.5908, -36.2537, 8.7776 Background



This preview shows how black text looks on a background with the HunterLab color 55.5908, -36.2537, 8.7776.



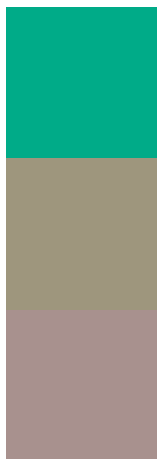
This preview shows how white text looks on a background with the HunterLab color 55.5908,

-36.2537, 8.7776.

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

55.5908, -36.2537, 8.7776

Protanopia

55.2833, -4.0510, 13.1862

Deuteranopia

55.2527, 3.9617, 6.6547



Tritanopia

55.5833, -23.3829, -11.6511

Trichromacy



Original Color

55.5908, -36.2537, 8.7776

Protanomaly

53.6707, -22.2314, 9.7390

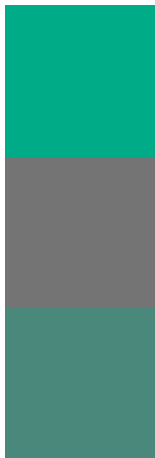
Deuteranomaly

53.0381, -17.5889, 4.6384

Tritanomaly

55.3219, -28.8721, -3.5521

Monochromacy



Original Color

55.5908, -36.2537, 8.7776

Achromatopsia

41.7908, -2.2299, 2.2706

Achromatomaly

45.2705, -19.2772, 3.0160

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.5908, -36.2537, 8.7776 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, 136)` looks like.

```
.text, #text, p{  
    color:rgb(0, 171, 136)  
}
```

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, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 171, 136) }
```

Border

The CSS property to change the border of an element to HunterLab 55.5908, -36.2537, 8.7776 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, 136) }
```


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

```
.border{ border-color:rgb(0, 171, 136) }
```

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, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 171, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 171, 136);  
box-shadow:4px 4px 4px 4px rgb(0, 171,  
136) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.5908, -36.2537, 8.7776 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, 136) }
```

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

```
.background{ background-color: rgb(0, 171,  
136) }
```

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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