

Converting Colors

HunterLab(55.4603, -37.0305,
7.3292)

Have a look what the booklet for
HunterLab(55.4603, -37.0305,
7.3292) contains.

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Color

**HunterLab(55.6686,
-35.7815, 7.6612)**

Conversions

Conversions Part 1

Format	Color
Hex	00AB8B
RGB	0, 171, 139
RGB Percent	0%, 67%, 55%
CMY	0.9999, 0.3294, 0.4549
CMYK	1.00, 0.00, 0.19, 0.33
HSL	169°, 100%, 34%
HSV	169°, 100%, 67%
XYZ	19.2231, 30.9899, 29.3946
YIQ	116.2230, -91.6440, -46.2040

Conversions

Conversions Part 2

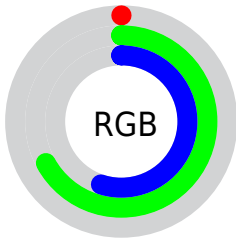
Format	Color
RYB	0, 94, 171
Decimal	43915
CIELab	62.50, -44.86, 6.08
CIELCh	63, 45.275, 172.278
Yxy	30.9911, 0.2415, 0.3893
Android (android.graphics.Color)	4278233995 (0xFF00AB8B)
YUV	116.2230, 11.2291, -101.9276
Hunter-Lab	55.6686, -35.7815, 7.6612

Details

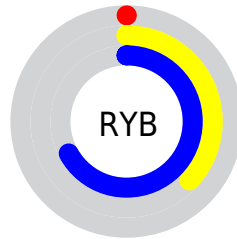
The HunterLab color **55.6686, -35.7815, 7.6612** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **29.6026, 51.0439, 16.3944**, and the grayscale version is **41.8635, -2.2337, 2.2745**.

A 20% lighter version of the original color is **78.1480, -41.9729, 9.5844**, and **36.9840, -24.7515, 7.2046** is the 20% darker color. If you saturate the color by 10%, you get **55.6694, -35.7829, 7.6632**, and if you desaturate by 10%, it is **55.8625, -34.8289, 6.5667**.

Distribution



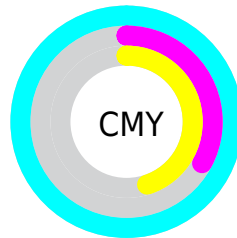
- Red (0%)
- Green (67%)
- Blue (55%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (19%)
- Black (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.6686, -35.7815, 7.6612 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 55.6686, -35.7815, 7.6612 by changing the saturation by 10% instead.

■ 55.6686, -35.7815,
7.6612

■ 55.6686, -35.7815,
7.6612

175.0707,
-61.0637, 16.4819

■ 45.3785, -32.4564,
6.7678

■ 78.2471, -41.9732,
9.4955

■ 35.8136, -28.9171,
5.8856

■ 90.4604, -44.8989,
10.4381

■ 27.0351, -25.0905,
5.0103

■ 103.2503,
-47.7386, 11.3988

■ 19.1208, -20.8599,
4.1331

■ 116.5919,
-50.5068, 12.3779

■ 12.1782, -18.0861,
3.2363

■ 130.4633,
-53.2150, 13.3758

■ 5.2610, -9.2067,
3.6827

■ 144.8449,

0.0000, NaN, NaN

-55.8724, 14.3925

0.0000, NaN, NaN

159.7193,
-58.4866, 15.4279

0.0000, NaN, NaN

■ 55.6686, -35.7815,
7.6612

■ 55.6686, -35.7815,
7.6612

■ 55.6694, -35.7829,
7.6632

■ 55.8625, -34.8289,
6.5667

■ 56.1494, -33.4971,
5.5540

■ 56.5653, -31.6537,
4.6716

■ 57.1241, -29.2587,
3.9428

■ 57.8355, -26.2938,
3.3855

■ 58.7059, -22.7590,
3.0129

■ 59.7392, -18.6698,
2.8333

■ 60.9365, -14.0539,
2.8501

■ 62.2972, -8.9488,
3.0630

Harmonies

Analogous

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



55.6697, -29.9005, 20.8885



55.6686, -35.7815, 7.6612



55.6697, -33.8922, -12.4497

Triad

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



55.6697, -35.7818, 7.6618



55.6697, 12.1411, -41.7405



55.6697, 22.1742, 24.6755

Complementary

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



55.6686, -35.7815, 7.6612



29.6026, 51.0439, 16.3944

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.



55.6697, 36.6334, 15.0423



55.6686, -35.7815, 7.6612



55.6697, 30.3018, -23.8605

Square

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



55.6697, -35.7818, 7.6618



55.6697, -7.9767, -45.8647



55.6697, 39.7980, -2.0369



55.6697, 2.2131, 28.2314

Rectangle

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



55.6686, -35.7815, 7.6612



55.6697, -28.3397, -27.1021



55.6697, 39.7980, -2.0369



55.6697, 27.9473, 22.2425

Sweetspot

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



55.6697, -35.7818, 7.6618



79.8647, -25.3003, 3.7979



54.2869, -44.9232, 32.6642



37.4372, -13.0395, 1.8278



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.



55.6697, -35.7818, 7.6618



74.4792, -48.0065, 10.5398



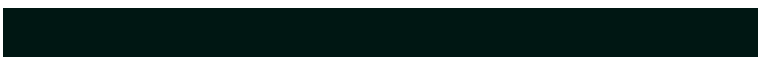
40.3775, -8.6253, -31.8469



30.0765, -4.1398, 1.4868



48.3415, -31.0225, 6.5459



8.1034, -4.9289, 0.5116

Inverse Universe

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



29.6026, 51.0439, 16.3944



39.5850, 68.2041, 22.3720



33.2470, 38.4203, 21.1582



28.3530, 1.1515, 1.7610



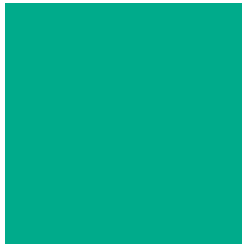
25.7127, 44.3627, 14.0644



4.3701, 7.6994, 1.1542

Previews

White Background



This preview shows how the HunterLab color 55.6686, -35.7815, 7.6612 looks on a white background.

Color Contrast Check

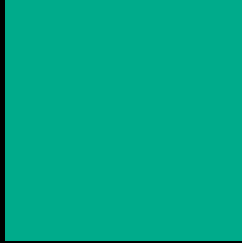
Large Text (above 18pt) WCAG AA × Fail

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 55.6686, -35.7815, 7.6612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

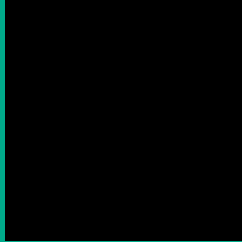
Any Text WCAG AA ✓ Pass

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 55.6686, -35.7815, 7.6612 Background



This preview shows how black text looks on a background with the HunterLab color 55.6686, -35.7815, 7.6612.



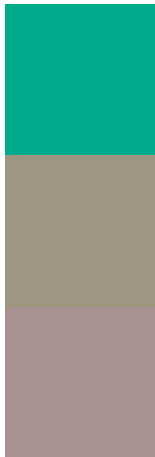
This preview shows how white text looks on a background with the HunterLab color 55.6686, -35.7815, 7.6612.

-35.7815, 7.6612.

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

55.6686, -35.7815, 7.6612

Protanopia

55.3537, -3.6644, 12.1702

Deuteranopia

55.2364, 4.0724, 5.3538



Tritanopia

55.8846, -23.8930, -11.2290

Trichromacy



Original Color

55.6686, -35.7815, 7.6612



Protanomaly

53.7460, -21.7916, 8.6550



Deuteranomaly

53.0646, -17.3204, 3.3597



Tritanomaly

55.6711, -29.1322, -3.6108

Monochromacy



Original Color

55.6686, -35.7815, 7.6612



Achromatopsia

41.7908, -2.2299, 2.2706



Achromatomaly

45.2983, -19.1147, 2.6193

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.6686, -35.7815, 7.6612 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, 139)` looks like.

```
.text, #text, p{  
    color:rgb(0, 171, 139)  
}
```

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, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 171, 139) }
```

Border

The CSS property to change the border of an element to HunterLab 55.6686, -35.7815, 7.6612 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, 139) }
```


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

```
.border{ border-color:rgb(0, 171, 139) }
```

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, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 171, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 171, 139);  
box-shadow:4px 4px 4px 4px rgb(0, 171,  
139) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.6686, -35.7815, 7.6612 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, 139) }
```

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

```
.background{ background-color: rgb(0, 171,  
139) }
```

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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