

Converting Colors

HunterLab(50.4667, -53.3174,
-5.1161)

Have a look what the booklet for
HunterLab(50.4667, -53.3174,
-5.1161) contains.

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Color

**HunterLab(55.3858,
-32.6688, 1.2951)**

Conversions

Conversions Part 1

Format	Color
Hex	00A999
RGB	0, 169, 153
RGB Percent	0%, 66%, 60%
CMY	0.9999, 0.3372, 0.4000
CMYK	1.00, 0.00, 0.09, 0.34
HSL	174°, 100%, 33%
HSV	174°, 100%, 66%
XYZ	19.9378, 30.6759, 35.0073
YIQ	116.6450, -95.5880, -40.8040

Conversions

Conversions Part 2

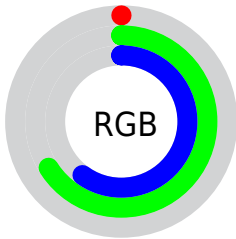
Format	Color
RYB	0, 89, 169
Decimal	43417
CIELab	62.23, -40.12, -2.13
CIELCh	62, 40.181, 183.036
Yxy	30.6770, 0.2329, 0.3583
Android (android.graphics.Color)	4278233497 (0xFF00A999)
YUV	116.6450, 17.9230, -102.2977
Hunter-Lab	55.3858, -32.6688, 1.2951

Details

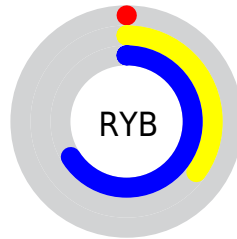
The HunterLab color **55.3858, -32.6688, 1.2951** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **29.1090, 49.9742, 17.8112**, and the grayscale version is **42.0026, -2.2412, 2.2821**.

A 20% lighter version of the original color is **77.9327, -38.3429, 2.4403**, and **36.6744, -22.1100, 1.8895** is the 20% darker color. If you saturate the color by 10%, you get **55.3866, -32.6699, 1.2965**, and if you desaturate by 10%, it is **55.5415, -31.9532, 0.7487**.

Distribution



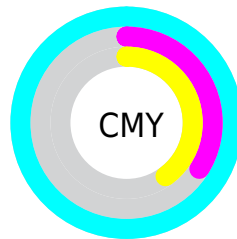
- Red (0%)
- Green (66%)
- Blue (60%)



- Red (0%)
- Yellow (35%)
- Blue (66%)



- Cyan (100%)
- Magenta (0%)
- Yellow (9%)
- Black (34%)



- Cyan (100%)
- Magenta (34%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.3858, -32.6688, 1.2951 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 55.3858, -32.6688, 1.2951 by changing the saturation by 10% instead.

■ 55.3858, -32.6688,
1.2951

■ 55.3858, -32.6688,
1.2951

174.6561,
-55.8462, 7.0072

■ 45.1143, -29.6568,
0.8465

■ 77.9302, -38.3005,
2.3218

■ 35.5696, -26.4603,
0.4450

■ 90.1278, -40.9721,
2.8927

■ 26.8129, -23.0144,
0.0965

■ 102.9027,
-43.5714, 3.4991

■ 18.9229, -19.2144,
-0.1916

■ 116.2299,
-46.1111, 4.1392

■ 12.0081, -16.4389,
-0.4081

■ 130.0875,
-48.6012, 4.8114

■ 4.9731, -8.7030,
-1.5030

■ 144.4558,

0.0000, NaN, NaN

-51.0495, 5.5143

0.0000, NaN, NaN

159.3173,
-53.4628, 6.2466

0.0000, NaN, NaN

■ 55.3858, -32.6688,
1.2951

■ 55.3858, -32.6688,
1.2951

■ 55.3866, -32.6699,
1.2965

■ 55.5415, -31.9532,
0.7487

■ 55.7864, -30.8794,
0.3114

■ 56.1564, -29.3153,
0.0313

■ 56.6654, -27.2189,
-0.0718

■ 57.3231, -24.5688,
0.0154

■ 58.1364, -21.3613,
0.3012

■ 59.1092, -17.6077,
0.7883

■ 60.2433, -13.3318,
1.4754

■ 61.5382, -8.5669,
2.3568

Harmonies

Analogous

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



55.3868, -29.8304, 15.6350



55.3858, -32.6688, 1.2951



55.3868, -28.3992, -17.3875

Triad

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



55.3868, -32.6690, 1.2958



55.3868, 16.5695, -31.0199



55.3868, 13.1108, 24.6027

Complementary

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



55.3858, -32.6688, 1.2951



29.1090, 49.9742, 17.8112

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.



55.3868, 28.1086, 17.7591



55.3858, -32.6688, 1.2951



55.3868, 30.2731, -13.5194

Square

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



55.3868, -32.6690, 1.2958



55.3868, -1.1681, -39.3277



55.3868, 34.7351, 4.6806



55.3868, -4.7260, 26.3732

Rectangle

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



55.3858, -32.6688, 1.2951



55.3868, -21.7443, -29.0759



55.3868, 34.7351, 4.6806



55.3868, 18.7223, 22.9517

Sweetspot

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



55.3868, -32.6690, 1.2958



79.0249, -23.8585, 1.0120



53.3811, -45.2037, 32.1011



36.6386, -12.1164, 0.3375



92.0917, -4.9138, 5.0035



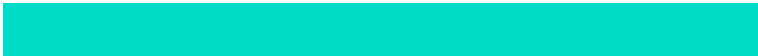
39.3538, -2.0998, 2.1382

Same Dimension

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



55.3868, -32.6690, 1.2958



74.1091, -43.7888, 1.8976



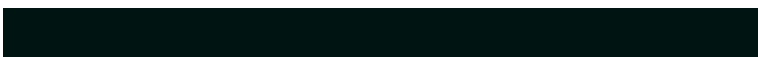
35.0032, -0.7971, -42.0278



29.1884, -3.8901, 1.1488



47.8192, -28.1768, 1.0558



7.4817, -4.2578, -0.1601

Inverse Universe

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



29.1090, 49.9742, 17.8112



38.9357, 66.8155, 24.0986



35.3882, 30.9157, 22.3461



27.4835, 0.9975, 1.9922



25.1362, 43.1727, 15.2642



3.9647, 6.8964, 1.7342

Previews

White Background



This preview shows how the HunterLab color 55.3858, -32.6688, 1.2951 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 55.3858, -32.6688, 1.2951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

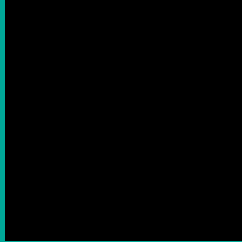
Any Text WCAG AA ✓ Pass

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 55.3858, -32.6688, 1.2951 Background



This preview shows how black text looks on a background with the HunterLab color 55.3858, -32.6688, 1.2951.



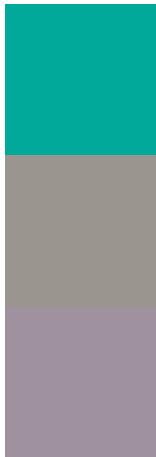
This preview shows how white text looks on a background with the HunterLab color 55.3858,

-32.6688, 1.2951.

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

55.3858, -32.6688, 1.2951

Protanopia

55.0617, -2.4867, 6.3288

Deuteranopia

54.9482, 3.8760, -0.9771



Tritanopia

55.3689, -24.2090, -11.9738

Trichromacy



Original Color

55.3858, -32.6688, 1.2951

Protanomaly

53.3375, -19.3345, 2.2989

Deuteranomaly

53.2318, -15.9106, -2.5093

Tritanomaly

55.1432, -27.4098, -7.3910

Monochromacy



Original Color

55.3858, -32.6688, 1.2951

Achromatopsia

42.1768, -2.2504, 2.2915

Achromatomaly

45.4707, -18.1088, 0.1643

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.3858, -32.6688, 1.2951 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, 169, 153)` looks like.

```
.text, #text, p{  
    color:rgb(0, 169, 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, 169, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 169, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 55.3858, -32.6688, 1.2951 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, 169, 153) }
```


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

```
.border{ border-color:rgb(0, 169, 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, 169, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 169, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 169, 153);  
box-shadow:4px 4px 4px 4px rgb(0, 169,  
153) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.3858, -32.6688, 1.2951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 169, 153) }
```

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

```
.background{ background-color: rgb(0, 169,  
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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