

Converting Colors

HunterLab(55.3867, -38.1668,
13.1627)

Have a look what the booklet for
HunterLab(55.3867, -38.1668,
13.1627) contains.

HunterLab(55.3001, -38.0253, 12.9654)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(55.3001,
-38.0253, 12.9654)**

Conversions

Conversions Part 1

Format	Color
Hex	00AB7C
RGB	0, 171, 124
RGB Percent	0%, 67%, 49%
CMY	0.9999, 0.3294, 0.5137
CMYK	1.00, 0.00, 0.27, 0.33
HSL	164°, 100%, 34%
HSV	164°, 100%, 67%
XYZ	18.2010, 30.5810, 24.0122
YIQ	114.5130, -86.8290, -50.8690

Conversions

Conversions Part 2

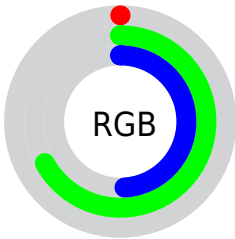
Format	Color
RYB	0, 99, 171
Decimal	43900
CIELab	62.15, -48.67, 13.91
CIELCh	62, 50.617, 164.046
Yxy	30.5822, 0.2500, 0.4201
Android (android.graphics.Color)	4278233980 (0xFF00AB7C)
YUV	114.5130, 4.6771, -100.4279
Hunter-Lab	55.3001, -38.0253, 12.9654

Details

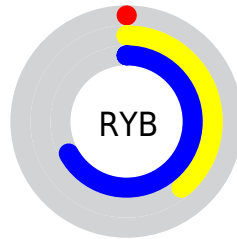
The HunterLab color **55.3001, -38.0253, 12.9654** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **29.7724, 51.6730, 13.8911**, and the grayscale version is **41.2270, -2.1998, 2.2399**.

A 20% lighter version of the original color is **77.7096, -44.5281, 15.3691**, and **36.3739, -26.2047, 11.1043** is the 20% darker color. If you saturate the color by 10%, you get **55.3010, -38.0267, 12.9672**, and if you desaturate by 10%, it is **55.5195, -36.9106, 11.4960**.

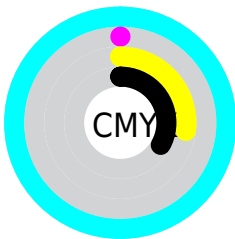
Distribution



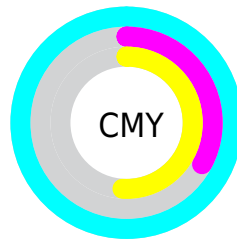
- Red (0%)
- Green (67%)
- Blue (49%)



- Red (0%)
- Yellow (39%)
- Blue (67%)



- Cyan (100%)
- Magenta (0%)
- Yellow (27%)
- Black (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.3001, -38.0253, 12.9654 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 55.3001, -38.0253, 12.9654 by changing the saturation by 10% instead.

■ 55.3001, -38.0253,
12.9654

■ 55.3001, -38.0253,
12.9654

174.5305,
-65.0532, 24.9546

■ 45.0343, -34.4350,
11.6034

■ 77.8342, -44.6869,
15.6384

■ 35.4957, -30.6032,
10.2086

■ 90.0270, -47.8242,
16.9625

■ 26.7456, -26.4481,
8.7626

■ 102.7974,
-50.8633, 18.2847

■ 18.8631, -21.8408,
7.2342

■ 116.1203,
-53.8205, 19.6082

■ 11.9566, -19.5690,
5.9284

■ 129.9736,
-56.7087, 20.9352

■ 4.8825, -8.5444,
3.4178

■ 144.3379,

0.0000, NaN, NaN

-59.5381, 22.2678

0.0000, NaN, NaN

159.1954,
-62.3173, 23.6072

0.0000, NaN, NaN

■ 55.3001, -38.0253,
12.9654

■ 55.3001, -38.0253,
12.9654

■ 55.3010, -38.0267,
12.9672

■ 55.5195, -36.9106,
11.4960

■ 55.8348, -35.3970,
10.0668

■ 56.2822, -33.3522,
8.7259

■ 56.8753, -30.7386,
7.4995

■ 57.6237, -27.5410,
6.4094

■ 58.5333, -23.7630,
5.4730

■ 59.6077, -19.4241,
4.7038

■ 60.8477, -14.5557,
4.1106

■ 62.2521, -9.1987,
3.6981

Harmonies

Analogous

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



55.3012, -29.3926, 24.8228



55.3001, -38.0253, 12.9654



55.3012, -38.2920, -7.6716

Triad

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



55.3012, -38.0257, 12.9659



55.3012, 7.6899, -51.9689



55.3012, 30.8467, 24.3120

Complementary

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



55.3001, -38.0253, 12.9654



29.7724, 51.6730, 13.8911

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.



55.3012, 44.3454, 11.9115



55.3001, -38.0253, 12.9654



55.3012, 29.6284, -34.4182

Square

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



55.3012, -38.0257, 12.9659



55.3012, -14.1048, -51.3251



55.3012, 43.8676, -9.2290



55.3012, 9.1576, 29.4035

Rectangle

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



55.3001, -38.0253, 12.9654



55.3012, -33.8150, -24.5832



55.3012, 43.8676, -9.2290



55.3012, 36.6334, 21.1296

Sweetspot

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



55.3012, -38.0257, 12.9659



79.6863, -26.3258, 6.3445



54.5587, -43.7707, 32.8521



37.3422, -13.5888, 3.1843



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.



55.3012, -38.0257, 12.9659



73.9807, -51.0438, 17.7194



44.6972, -14.8422, -23.8263



30.0565, -4.2512, 1.7723



48.0237, -32.9573, 11.1200



8.0633, -5.1717, 1.0859

Inverse Universe

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



29.7724, 51.6730, 13.8911



39.8028, 69.0095, 19.1618



31.5995, 43.3223, 20.2291



28.3728, 1.2582, 1.4780



25.8639, 44.9213, 11.8396



4.4203, 7.8827, 0.4319

Previews

White Background



This preview shows how the HunterLab color 55.3001, -38.0253, 12.9654 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 55.3001, -38.0253, 12.9654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

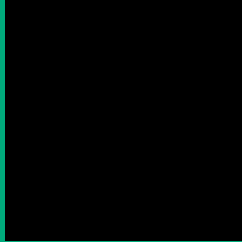
Any Text WCAG AA ✓ Pass

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 55.3001, -38.0253, 12.9654 Background



This preview shows how black text looks on a background with the HunterLab color 55.3001, -38.0253, 12.9654.



This preview shows how white text looks on a background with the HunterLab color 55.3001,

-38.0253, 12.9654.

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

55.3001, -38.0253, 12.9654

Protanopia

54.9394, -4.2551, 16.5987

Deuteranopia

54.9692, 3.8105, 11.1594



Tritanopia

55.2865, -23.0024, -10.9424

Trichromacy



Original Color

55.3001, -38.0253, 12.9654



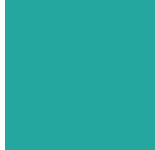
Protanomaly

53.1477, -23.1284, 13.2241



Deuteranomaly

52.8403, -18.9677, 9.3130



Tritanomaly

55.2097, -29.6336, -1.2372

Monochromacy



Original Color

55.3001, -38.0253, 12.9654



Achromatopsia

41.4054, -2.2093, 2.2496



Achromatomaly

44.7799, -19.8415, 4.5525

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.3001, -38.0253, 12.9654 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, 124)` looks like.

```
.text, #text, p{  
    color:rgb(0, 171, 124)  
}
```

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, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 171, 124) }
```

Border

The CSS property to change the border of an element to HunterLab 55.3001, -38.0253, 12.9654 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, 124) }
```


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

```
.border{ border-color:rgb(0, 171, 124) }
```

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, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 171, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 171, 124);  
box-shadow:4px 4px 4px 4px rgb(0, 171,  
124) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.3001, -38.0253, 12.9654 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, 124) }
```

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

```
.background{ background-color: rgb(0, 171,  
124) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor