

Converting Colors

HunterLab(55.6702, -43.9005,
25.1857)

Have a look what the booklet for
HunterLab(55.6702, -43.9005,
25.1857) contains.

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Color

**HunterLab(55.5573,
-43.8230, 25.1594)**

Conversions

Conversions Part 1

Format	Color
Hex	00AE51
RGB	0, 174, 81
RGB Percent	0%, 68%, 32%
CMY	1.0000, 0.3176, 0.6823
CMYK	1.00, 0.00, 0.53, 0.32
HSL	148°, 100%, 34%
HSV	148°, 100%, 68%
XYZ	16.6212, 30.8661, 12.8663
YIQ	111.3720, -73.8510, -65.8110

Conversions

Conversions Part 2

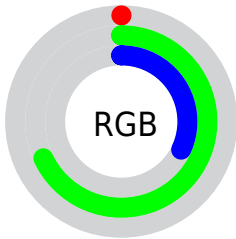
Format	Color
RYB	0, 119, 174
Decimal	44625
CIELab	62.40, -58.30, 37.02
CIELCh	62, 69.063, 147.586
Yxy	30.8674, 0.2754, 0.5114
Android (android.graphics.Color)	4278234705 (0xFF00AE51)
YUV	111.3720, -14.9734, -97.6732
Hunter-Lab	55.5573, -43.8230, 25.1594

Details

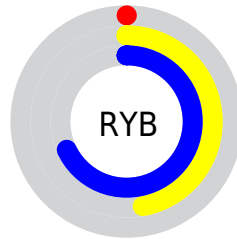
The HunterLab color **55.5573, -43.8230, 25.1594** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **31.2882, 56.1073, 0.6354**, and the grayscale version is **40.0895, -2.1391, 2.1781**.

A 20% lighter version of the original color is **78.1952, -51.7979, 30.7247**, and **36.7930, -30.5381, 19.9350** is the 20% darker color. If you saturate the color by 10%, you get **55.5584, -43.8240, 25.1602**, and if you desaturate by 10%, it is **55.8028, -42.5291, 23.2916**.

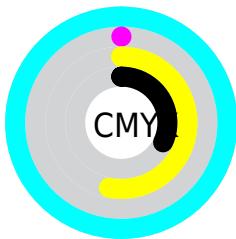
Distribution



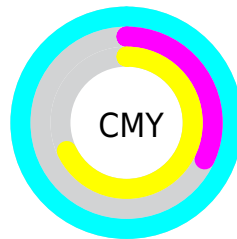
- Red (0%)
- Green (68%)
- Blue (32%)



- Red (0%)
- Yellow (47%)
- Blue (68%)



- Cyan (100%)
- Magenta (0%)
- Yellow (53%)
- Black (32%)





- Cyan (100%)
- Magenta (32%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 55.5573, -43.8230, 25.1594 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 55.5573, -43.8230, 25.1594 by changing the saturation by 10% instead.


 55.5573, -43.8230,
25.1594


 55.5573, -43.8230,
25.1594


174.9077,
-75.2596, 47.4393


 45.2746, -39.5720,
22.2537


 78.1225, -51.6635,
30.5878


 35.7176, -35.0162,
19.1730


 90.3296, -55.3343,
33.1589


 26.9476, -30.0577,
15.8678


 103.1136,
-58.8772, 35.6581

 19.0429, -24.5458,
12.9832

 116.4496,
-62.3126, 38.0979

 12.1112, -21.1946,
8.4779

 130.3155,
-65.6567, 40.4886

 5.1498, -9.0121,
3.6048

 144.6919,

0.0000, NaN, NaN

-68.9224, 42.8381

0.0000, NaN, NaN

159.5612,
-72.1205, 45.1532

0.0000, NaN, NaN

■ 55.5573, -43.8230,
25.1594

■ 55.5573, -43.8230,
25.1594

■ 55.5584, -43.8240,
25.1602

■ 55.8028, -42.5291,
23.2916

■ 56.1601, -40.7375,
21.2700

■ 56.6664, -38.3126,
19.1375

■ 57.3355, -35.2196,
16.9238

■ 58.1767, -31.4502,
14.6588

■ 59.1956, -27.0180,
12.3721

■ 60.3948, -21.9548,
10.0921

■ 61.7740, -16.3053,
7.8446

■ 63.3307, -10.1238,
5.6523

Harmonies

Analogous

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



55.5584, -27.2780, 33.0163



55.5573, -43.8230, 25.1594



55.5584, -49.7222, 5.2902

Triad

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



55.5584, -43.8236, 25.1597



55.5584, -5.3806, -84.7186



55.5584, 58.0961, 22.9348

Complementary

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



55.5573, -43.8230, 25.1594



31.2882, 56.1073, 0.6354

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.



55.5584, 67.3696, 0.6586



55.5573, -43.8230, 25.1594



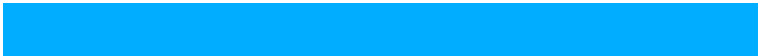
55.5584, 26.4093, -71.1024

Square

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



55.5584, -43.8236, 25.1597



55.5584, -30.6770, -66.2870



55.5584, 54.7251, -35.2541



55.5584, 31.5300, 32.2955

Rectangle

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



55.5573, -43.8230, 25.1594



55.5584, -48.0242, -16.2835



55.5584, 54.7251, -35.2541



55.5584, 63.5569, 17.2030

Sweetspot

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



55.5584, -43.8236, 25.1597



81.2466, -29.9532, 13.7551



57.2224, -37.9712, 34.5953



37.9773, -15.4887, 7.0820



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



55.5584, -43.8236, 25.1597



74.7958, -59.2056, 34.3196



57.4464, -32.3092, -2.0565



29.9985, -4.5748, 2.6016



47.3278, -37.2447, 21.2449



7.9639, -5.7786, 2.5200

Inverse Universe

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



31.2882, 56.1073, 0.6354



42.0841, 75.3681, 1.6291



30.0303, 51.4904, 18.9124



28.4328, 1.5803, 0.6242



26.6686, 47.8655, 0.2191



4.5691, 8.4201, -1.6623

Previews

White Background



This preview shows how the HunterLab color 55.5573, -43.8230, 25.1594 looks on a white background.

Color Contrast Check

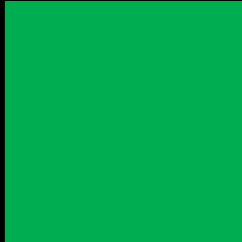
Large Text (above 18pt) WCAG AA × Fail

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 55.5573, -43.8230, 25.1594 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 55.5573, -43.8230, 25.1594 Background



This preview shows how black text looks on a background with the HunterLab color 55.5573, -43.8230, 25.1594.



This preview shows how white text looks on a background with the HunterLab color 55.5573,

-43.8230, 25.1594.

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

55.5573, -43.8230, 25.1594

Protanopia

55.1369, -6.3770, 27.0853

Deuteranopia

55.0557, 3.8909, 23.8151



Tritanopia

55.6365, -21.6629, -10.4227

Trichromacy



Original Color

55.5573, -43.8230, 25.1594



Protanomaly

53.2750, -27.4048, 24.7386



Deuteranomaly

52.4367, -22.1920, 21.9680



Tritanomaly

55.2013, -32.3135, 5.9624

Monochromacy



Original Color

55.5573, -43.8230, 25.1594



Achromatopsia

39.8699, -2.1274, 2.1662



Achromatomaly

43.9430, -22.3714, 10.4185

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.5573, -43.8230, 25.1594 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, 174, 81)` looks like.

```
.text, #text, p{  
    color:rgb(0, 174, 81)  
}
```

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, 174, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 174, 81) }
```

Border

The CSS property to change the border of an element to HunterLab 55.5573, -43.8230, 25.1594 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, 174, 81) }
```


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

```
.border{ border-color:rgb(0, 174, 81) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(0, 174, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 174, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 174, 81);  
box-shadow:4px 4px 4px 4px rgb(0, 174, 81)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 55.5573, -43.8230, 25.1594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 174, 81) }
```

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

```
.background{ background-color: rgb(0, 174,  
81) }
```

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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