

# Converting Colors

HunterLab(55.2913, -43.9872,  
25.8464)

Have a look what the booklet for  
HunterLab(55.2913, -43.9872,  
25.8464) contains.

<b>HunterLab(55.1570, -43.8291, 25.6729)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(55.1570,  
-43.8291, 25.6729)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00AD4D
RGB	0, 173, 77
RGB Percent	0%, 68%, 30%
CMY	1.0000, 0.3216, 0.6980
CMYK	1.00, 0.00, 0.55, 0.32
HSL	147°, 100%, 34%
HSV	147°, 100%, 68%
XYZ	16.2831, 30.4229, 12.0352
YIQ	110.3290, -72.2920, -66.5320

# Conversions

## Conversions Part 2

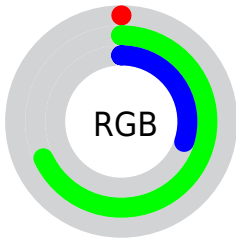
Format	Color
<a href="#">RYB</a>	<a href="#">0, 120, 173</a>
Decimal	<a href="#">44365</a>
CIELab	<a href="#">62.02, -58.59, 38.53</a>
CIELCh	<a href="#">62, 70.121, 146.669</a>
Yxy	<a href="#">30.4242, 0.2772, 0.5179</a>
Android (android.graphics.Color)	<a href="#">4278234445 (0xFF00AD4D)</a>
YUV	<a href="#">110.3290, -16.4312, -96.7585</a>
Hunter-Lab	<a href="#">55.1570, -43.8291, 25.6729</a>

# Details

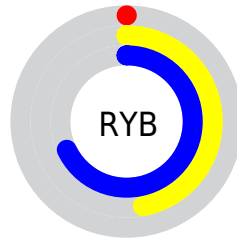
The HunterLab color **55.1570, -43.8291, 25.6729** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **31.1918, 56.1239, -0.8344**, and the grayscale version is **39.6952, -2.1180, 2.1567**.

A 20% lighter version of the original color is **77.7684, -51.8414, 31.4434**, and **36.4318, -30.4649, 20.2283** is the 20% darker color. If you saturate the color by 10%, you get **55.1581, -43.8300, 25.6736**, and if you desaturate by 10%, it is **55.4003, -42.5473, 23.8334**.

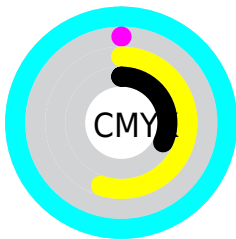
# Distribution



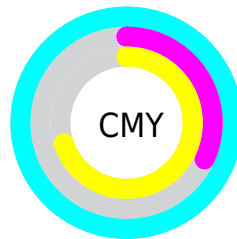
- Red (0%)
- Green (68%)
- Blue (30%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (55%)
- Black (32%)




- Cyan (100%)
- Magenta (32%)
- Yellow (70%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.1570, -43.8291, 25.6729 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 55.1570, -43.8291, 25.6729 by changing the saturation by 10% instead.





 55.1570, -43.8291,  
25.6729


 55.1570, -43.8291,  
25.6729


174.3206,  
-75.4361, 48.6846


 44.9008, -39.5481,  
22.6556


 77.6739, -51.7194,  
31.2998


 35.3723, -34.9573,  
19.4535


 89.8587, -55.4116,  
33.9602

 26.6334, -29.9569,  
16.0162


 102.6215,  
-58.9740, 36.5433

 18.7631, -24.3929,  
13.1342

 115.9370,  
-62.4275, 39.0624

 11.8708, -20.7739,  
8.3096

 129.7834,  
-65.7884, 41.5282

 4.7272, -8.2725,  
3.3090

 144.1408,

0.0000, NaN, NaN

-69.0699, 43.9494

0.0000, NaN, NaN

158.9919,  
-72.2829, 46.3329

0.0000, NaN, NaN

■ 55.1570, -43.8291,  
25.6729

■ 55.1570, -43.8291,  
25.6729

■ 55.1581, -43.8300,  
25.6736

■ 55.4003, -42.5473,  
23.8334

■ 55.7557, -40.7637,  
21.8228

■ 56.2604, -38.3426,  
19.6826

■ 56.9282, -35.2493,  
17.4420

■ 57.7682, -31.4762,  
15.1309

■ 58.7860, -27.0375,  
12.7792

■ 59.9840, -21.9655,  
10.4159

■ 61.3620, -16.3058,  
8.0682

■ 62.9173, -10.1132,  
5.7600

# Harmonies

## Analogous

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



55.1581, -26.8379, 33.1833



55.1570, -43.8291, 25.6729



55.1581, -50.0651, 6.1412

# Triad

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



55.1581, -43.8297, 25.6732



55.1581, -6.3066, -86.5390



55.1581, 59.7179, 22.6045

# Complementary

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



55.1570, -43.8291, 25.6729



31.1918, 56.1239, -0.8344

# 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.



55.1581, 68.5030, -0.3324



55.1570, -43.8291, 25.6729



55.1581, 25.8637, -73.5401

# Square

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



55.1581, -43.8297, 25.6732



55.1581, -31.5673, -66.7301



55.1581, 54.9793, -37.1974



55.1581, 33.0459, 32.2067



# Rectangle

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



55.1570, -43.8291, 25.6729



55.1581, -48.5690, -15.4780



55.1581, 54.9793, -37.1974



55.1581, 65.0808, 16.7061

# Sweetspot

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



55.1581, -43.8297, 25.6732



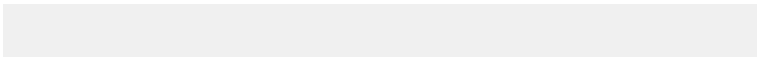
80.1826, -29.7728, 14.1054



56.9974, -37.1575, 34.4709



37.0640, -15.2053, 7.1755



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.



55.1581, -43.8297, 25.6732



73.7864, -58.8317, 34.7742



56.9896, -32.6451, -0.7604



29.9940, -4.5998, 2.6659



47.2878, -37.4933, 21.8316



7.9573, -5.8191, 2.6159



# Inverse Universe

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



31.1918, 56.1239, -0.8344



41.6891, 74.9163, -0.3670



29.8498, 51.2031, 18.6279



28.4376, 1.6061, 0.5560



26.7561, 48.1830, -1.0234



4.5820, 8.4662, -1.8404



# Previews

## White Background



This preview shows how the HunterLab color 55.1570, -43.8291, 25.6729 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 55.1570, -43.8291, 25.6729 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 55.1570, -43.8291, 25.6729 Background



This preview shows how black text looks on a background with the HunterLab color 55.1570, -43.8291, 25.6729.



This preview shows how white text looks on a background with the HunterLab color 55.1570,

-43.8291, 25.6729.

# 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

55.1570, -43.8291, 25.6729

### Protanopia

54.7027, -6.5212, 27.4910

### Deuteranopia

54.6129, 3.6866, 24.3864



## Tritanopia

55.2792, -21.4448, -10.3671

# Trichromacy



## Original Color

55.1570, -43.8291, 25.6729



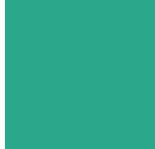
## Protanomaly

52.8440, -27.5467, 25.2012



## Deuteranomaly

51.9966, -22.3892, 22.5458



## Tritanomaly

54.8128, -32.2617, 6.3731

# Monochromacy



## Original Color

55.1570, -43.8291, 25.6729



## Achromatopsia

39.4875, -2.1070, 2.1454



## Achromatomaly

43.5419, -22.4215, 10.7033

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 55.1570, -43.8291, 25.6729 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, 173, 77)` looks like.

```
.text, #text, p{  
    color:rgb(0, 173, 77)  
}
```

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, 173, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 173, 77) }
```

## Border

The CSS property to change the border of an element to HunterLab 55.1570, -43.8291, 25.6729 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, 173, 77) }
```



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

```
.border{ border-color:rgb(0, 173, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 173, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 173, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 173, 77);  
box-shadow:4px 4px 4px 4px rgb(0, 173, 77)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 55.1570, -43.8291, 25.6729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 173, 77) }
```

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

```
.background{ background-color: rgb(0, 173,  
77) }
```

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