

Converting Colors

HunterLab(55.4392, -43.0681,
23.6775)

Have a look what the booklet for
HunterLab(55.4392, -43.0681,
23.6775) contains.

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Color

**HunterLab(55.2949,
-42.9727, 23.6519)**

Conversions

Conversions Part 1

Format	Color
Hex	00AD57
RGB	0, 173, 87
RGB Percent	0%, 68%, 34%
CMY	1.0000, 0.3216, 0.6588
CMYK	1.00, 0.00, 0.50, 0.32
HSL	150°, 100%, 34%
HSV	150°, 100%, 68%
XYZ	16.6639, 30.5753, 14.0401
YIQ	111.4690, -75.5020, -63.4220

Conversions

Conversions Part 2

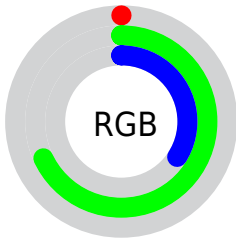
Format	Color
RYB	0, 115, 173
Decimal	44375
CIELab	62.15, -57.00, 33.70
CIElCh	62, 66.214, 149.410
Yxy	30.5765, 0.2719, 0.4989
Android (android.graphics.Color)	4278234455 (0xFF00AD57)
YUV	111.4690, -12.0632, -97.7583
Hunter-Lab	55.2949, -42.9727, 23.6519

Details

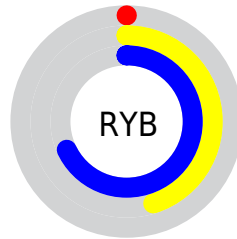
The HunterLab color **55.2949, -42.9727, 23.6519** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **30.9140, 55.1136, 3.1253**, and the grayscale version is **40.1165, -2.1405, 2.1796**.

A 20% lighter version of the original color is **77.9460, -50.7612, 28.8515**, and **36.5152, -29.9436, 18.9988** is the 20% darker color. If you saturate the color by 10%, you get **55.2959, -42.9738, 23.6530**, and if you desaturate by 10%, it is **55.5406, -41.6799, 21.7829**.

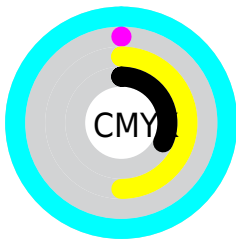
Distribution



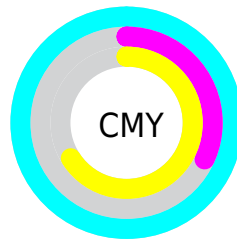
- Red (0%)
- Green (68%)
- Blue (34%)



- Red (0%)
- Yellow (45%)
- Blue (68%)



- Cyan (100%)
- Magenta (0%)
- Yellow (50%)
- Black (32%)





- Cyan (100%)
- Magenta (32%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 55.2949, -42.9727, 23.6519 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 55.2949, -42.9727, 23.6519 by changing the saturation by 10% instead.


 55.2949, -42.9727,
23.6519


 55.2949, -42.9727,
23.6519


174.5229,
-73.8289, 44.3953


 45.0295, -38.8063,
20.9740


 77.8285, -50.6602,
28.6703


 35.4912, -34.3419,
18.1391


 90.0210, -54.2611,
31.0552

 26.7416, -29.4830,
15.0991


 102.7910,
-57.7377, 33.3783

 18.8594, -24.0799,
12.2144

 116.1136,
-61.1099, 35.6512

 11.9535, -20.9186,
8.3675

 129.9667,
-64.3936, 37.8827

 4.8770, -8.5347,
3.4139

 144.3307,

0.0000, NaN, NaN

-67.6013, 40.0802

0.0000, NaN, NaN

159.1881,
-70.7436, 42.2494

0.0000, NaN, NaN

■ 55.2949, -42.9727,
23.6519

■ 55.2949, -42.9727,
23.6519

■ 55.2959, -42.9738,
23.6530

■ 55.5406, -41.6799,
21.7829

■ 55.8949, -39.9083,
19.7939

■ 56.3948, -37.5232,
17.7294

■ 57.0540, -34.4901,
15.6192

■ 57.8816, -30.8000,
13.4926

■ 58.8833, -26.4653,
11.3777

■ 60.0618, -21.5157,
9.3006

■ 61.4168, -15.9940,
7.2847

■ 62.9463, -9.9520,
5.3497

Harmonies

Analogous

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



55.2960, -27.5823, 32.0297



55.2949, -42.9727, 23.6519



55.2960, -48.1124, 3.5490

Triad

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



55.2960, -42.9733, 23.6522



55.2960, -3.5219, -79.7100



55.2960, 53.9636, 23.1182

Complementary

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



55.2949, -42.9727, 23.6519



30.9140, 55.1136, 3.1253

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.



55.2960, 63.9529, 2.4653



55.2949, -42.9727, 23.6519



55.2960, 26.9201, -65.2617

Square

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



55.2960, -42.9733, 23.6522



55.2960, -28.3845, -64.1606



55.2960, 53.1836, -31.0275



55.2960, 28.1101, 31.8509

Rectangle

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



55.2949, -42.9727, 23.6519



55.2960, -46.0563, -17.4913



55.2960, 53.1836, -31.0275



55.2960, 59.4970, 17.7986

Sweetspot

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



55.2960, -42.9733, 23.6522



80.2878, -29.1630, 12.5916



56.4719, -39.3113, 34.1093



37.1183, -14.8888, 6.3942



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.



55.2960, -42.9733, 23.6522



73.9698, -57.6918, 32.0842



57.3634, -30.4111, -6.0499



30.0067, -4.5288, 2.4837



47.4064, -36.7573, 20.0945



7.9765, -5.7015, 2.3379

Inverse Universe

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



30.9140, 55.1136, 3.1253



41.3174, 73.5646, 4.9360



29.8073, 51.0446, 19.2603



28.4240, 1.5334, 0.7486



26.5179, 47.3176, 2.3684



4.5463, 8.3382, -1.3454

Previews

White Background



This preview shows how the HunterLab color 55.2949, -42.9727, 23.6519 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 55.2949, -42.9727, 23.6519 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 55.2949, -42.9727, 23.6519 Background



This preview shows how black text looks on a background with the HunterLab color 55.2949, -42.9727, 23.6519.



This preview shows how white text looks on a background with the HunterLab color 55.2949, -42.9727, 23.6519.

-42.9727, 23.6519.

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

55.2949, -42.9727, 23.6519

Protanopia

54.7283, -6.1841, 25.6014

Deuteranopia

54.9313, 3.6642, 22.2270



Tritanopia

55.2152, -21.6889, -10.4618

Trichromacy



Original Color

55.2949, -42.9727, 23.6519



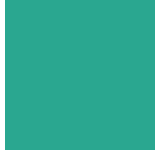
Protanomaly

52.9207, -26.9773, 23.1938



Deuteranomaly

52.4678, -21.8801, 20.5056



Tritanomaly

54.9029, -31.6817, 4.7823

Monochromacy



Original Color

55.2949, -42.9727, 23.6519



Achromatopsia

39.8699, -2.1274, 2.1662



Achromatomaly

43.9876, -22.1070, 9.7746

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.2949, -42.9727, 23.6519 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, 87)` looks like.

```
.text, #text, p{  
    color:rgb(0, 173, 87)  
}
```

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, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 173, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 55.2949, -42.9727, 23.6519 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, 87) }
```


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

```
.border{ border-color:rgb(0, 173, 87) }
```

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, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 173, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 173, 87);  
box-shadow:4px 4px 4px 4px rgb(0, 173, 87)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 55.2949, -42.9727, 23.6519 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, 87) }
```

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

```
.background{ background-color: rgb(0, 173,  
87) }
```

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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