

Converting Colors

HunterLab(55.4999, -37.5757,
19.1212)

Have a look what the booklet for
HunterLab(55.4999, -37.5757,
19.1212) contains.

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Color

**HunterLab(55.5660,
-37.7184, 19.3189)**

Conversions

Conversions Part 1

Format	Color
Hex	34AB69
RGB	52, 171, 105
RGB Percent	20%, 67%, 41%
CMY	0.7961, 0.3294, 0.5882
CMYK	0.70, 0.00, 0.39, 0.33
HSL	147°, 53%, 44%
HSV	147°, 70%, 67%
XYZ	18.5289, 30.8758, 18.3477
YIQ	127.8950, -49.7380, -45.7540

Conversions

Conversions Part 2

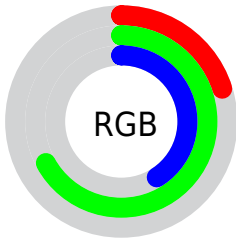
Format	Color
RYB	52, 134, 171
Decimal	3451753
CIELab	62.40, -48.03, 24.71
CIELCh	62, 54.010, 152.774
Yxy	30.8771, 0.2735, 0.4557
Android (android.graphics.Color)	4281641833 (0xFF34AB69)
YUV	127.8950, -11.2872, -66.5599
Hunter-Lab	55.5660, -37.7184, 19.3189

Details

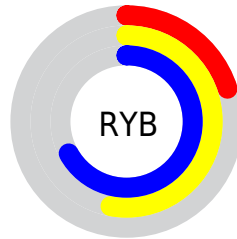
The HunterLab color **55.5660, -37.7184, 19.3189** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **35.2456, 46.1605, -6.3075**, and the grayscale version is **46.4775, -2.4799, 2.5252**.

A 20% lighter version of the original color is **78.0277, -44.2076, 23.0682**, and **36.4037, -28.3192, 15.6315** is the 20% darker color. If you saturate the color by 10%, you get **55.0620, -40.1377, 21.4352**, and if you desaturate by 10%, it is **56.2334, -34.6372, 17.1061**.

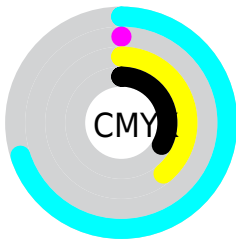
Distribution



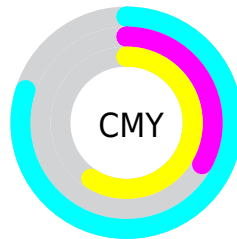
- Red (20%)
- Green (67%)
- Blue (41%)



- Red (20%)
- Yellow (53%)
- Blue (67%)



- Cyan (70%)
- Magenta (0%)
- Yellow (39%)
- Black (33%)



- Cyan (80%)
- Magenta (33%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.5660, -37.7184, 19.3189 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 55.5660, -37.7184, 19.3189 by changing the saturation by 10% instead.

■ 55.5660, -37.7184,
19.3189

■ 55.5660, -37.7184,
19.3189

174.9204,
-64.4361, 35.9672

■ 45.2827, -34.1773,
17.2581

■ 78.1322, -44.2949,
23.2371

■ 35.7251, -30.4003,
15.0972

■ 90.3398, -47.3944,
25.1248

■ 26.9545, -26.3082,
12.7988

■ 103.1243,
-50.3980, 26.9793

■ 19.0490, -21.7750,
10.3057

■ 116.4607,
-53.3217, 28.8081

■ 12.1165, -19.2480,
8.4815

■ 130.3271,
-56.1782, 30.6171

■ 5.1585, -9.0274,
3.6110

144.7039,

0.0000, NaN, NaN

-58.9775, 32.4109

0.0000, NaN, NaN

159.5736,
-61.7279, 34.1932

0.0000, NaN, NaN

■ 55.5660, -37.7184,
19.3189

■ 55.5660, -37.7184,
19.3189

■ 55.0620, -40.1377,
21.4352

■ 56.2334, -34.6372,
17.1061

■ 54.7047, -41.9259,
23.4252

■ 57.0697, -30.8858,
14.8249

■ 54.4619, -43.2090,
25.2497

■ 58.0815, -26.4796,
12.5054

■ 54.4527, -43.2576,
25.3196

■ 59.2708, -21.4511,
10.1760

■ 60.6374, -15.8458,
7.8633

■ 62.1786, -9.7179,
5.5906

■ 63.8901, -3.1264,
3.3779

■ 65.7662, 3.8684,
1.2413

■ 67.8002, 11.2079,
-0.8071

Harmonies

Analogous

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



55.5671, -25.3802, 28.3923



55.5660, -37.7184, 19.3189



55.5671, -41.2916, 0.9031

Triad

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



55.5671, -37.7190, 19.3193



55.5671, -0.7632, -59.3415



55.5671, 40.3724, 21.6293

Complementary

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



55.5660, -37.7184, 19.3189



35.2456, 46.1605, -6.3075

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.



55.5671, 49.7694, 5.0658



55.5660, -37.7184, 19.3189



55.5671, 23.6781, -46.6332

Square

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



55.5671, -37.7190, 19.3193



55.5671, -22.1717, -50.4014



55.5671, 43.2068, -20.4614



55.5671, 19.2598, 29.2836

Rectangle

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



55.5660, -37.7184, 19.3189



55.5671, -38.8044, -16.3267



55.5671, 43.2068, -20.4614



55.5671, 45.1511, 17.2275

Sweetspot

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



55.5671, -37.7190, 19.3193



80.8042, -22.5952, 11.0712



57.7302, -30.3730, 31.7045



37.9219, -11.6349, 5.6181



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.



55.5671, -37.7190, 19.3193



73.3817, -55.2222, 30.2781



57.0122, -29.0227, -1.4462



29.9940, -4.5995, 2.6650



47.2884, -37.4898, 21.8234



7.9574, -5.8186, 2.6145

Inverse Universe

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



35.2456, 46.1605, -6.3075



43.1244, 70.8254, -5.6921



33.8231, 40.2224, 14.0676



28.4375, 1.6057, 0.5570



26.7548, 48.1784, -1.0053



4.5818, 8.4655, -1.8379

Previews

White Background



This preview shows how the HunterLab color 55.5660, -37.7184, 19.3189 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 55.5660, -37.7184, 19.3189 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 55.5660, -37.7184, 19.3189 Background



This preview shows how black text looks on a background with the HunterLab color 55.5660, -37.7184, 19.3189.



This preview shows how white text looks on a background with the HunterLab color 55.5660,

-37.7184, 19.3189.

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

55.5660, -37.7184, 19.3189

Protanopia

55.1759, -5.5802, 22.0099

Deuteranopia

55.1737, 3.6543, 17.9008



Tritanopia

55.6315, -20.1061, -9.8475

Trichromacy



Original Color

55.5660, -37.7184, 19.3189



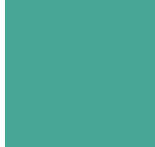
Protanomaly

54.3742, -20.8079, 20.2693



Deuteranomaly

53.9637, -15.6068, 17.0830



Tritanomaly

55.4434, -27.4992, 2.8265

Monochromacy



Original Color

55.5660, -37.7184, 19.3189



Achromatopsia

46.4608, -2.4790, 2.5243



Achromatomaly

49.0019, -17.9299, 8.3809

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.5660, -37.7184, 19.3189 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(52, 171, 105)` looks like.

```
.text, #text, p{  
    color:rgb(52, 171, 105)  
}
```

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(52, 171, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 171, 105) }
```

Border

The CSS property to change the border of an element to HunterLab 55.5660, -37.7184, 19.3189 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(52, 171, 105) }
```


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

```
.border{ border-color:rgb(52, 171, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 171, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 171, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 171, 105);  
box-shadow:4px 4px 4px 4px rgb(52, 171,  
105) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.5660, -37.7184, 19.3189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 171, 105) }
```

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

```
.background{ background-color: rgb(52, 171,  
105) }
```

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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