

Converting Colors

HunterLab(55.9927, -37.3626,
16.9479)

Have a look what the booklet for
HunterLab(55.9927, -37.3626,
16.9479) contains.

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Color

**HunterLab(55.9896,
-37.3802, 16.9881)**

Conversions

Conversions Part 1

Format	Color
Hex	30AC72
RGB	48, 172, 114
RGB Percent	19%, 67%, 45%
CMY	0.8118, 0.3255, 0.5529
CMYK	0.72, 0.00, 0.34, 0.33
HSL	152°, 56%, 43%
HSV	152°, 72%, 67%
XYZ	19.0087, 31.3484, 20.9686
YIQ	128.3120, -55.2860, -44.3260

Conversions

Conversions Part 2

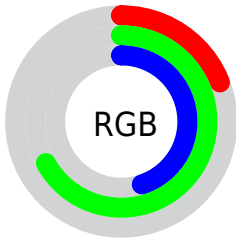
Format	Color
RYB	48, 129, 172
Decimal	3189874
CIELab	62.80, -47.26, 20.37
CIELCh	63, 51.462, 156.685
Yxy	31.3496, 0.2665, 0.4395
Android (android.graphics.Color)	4281379954 (0xFF30AC72)
YUV	128.3120, -7.0558, -70.4336
Hunter-Lab	55.9896, -37.3802, 16.9881

Details

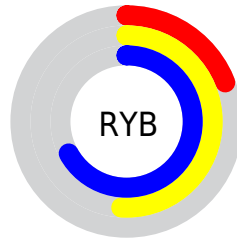
The HunterLab color **55.9896, -37.3802, 16.9881** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **34.5339, 46.4199, -1.3205**, and the grayscale version is **46.6269, -2.4879, 2.5333**.

A 20% lighter version of the original color is **78.4981, -43.7265, 20.3560**, and **36.5219, -27.5869, 13.9030** is the 20% darker color. If you saturate the color by 10%, you get **55.5285, -39.5972, 18.9766**, and if you desaturate by 10%, it is **56.6068, -34.5373, 14.9750**.

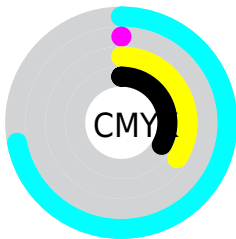
Distribution



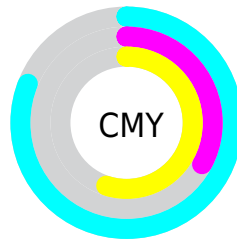
- Red (19%)
- Green (67%)
- Blue (45%)



- Red (19%)
- Yellow (51%)
- Blue (67%)



- Cyan (72%)
- Magenta (0%)
- Yellow (34%)
- Black (33%)



- Cyan (81%)
- Magenta (33%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.9896, -37.3802, 16.9881 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 55.9896, -37.3802, 16.9881 by changing the saturation by 10% instead.

■ 55.9896, -37.3802,
16.9881

■ 55.9896, -37.3802,
16.9881

175.5408,
-63.7214, 31.7212

■ 45.6785, -33.8992,
15.2172

■ 78.6067, -43.8526,
20.3915

■ 36.0909, -30.1899,
13.3747

■ 90.8377, -46.9059,
22.0470

■ 27.2876, -26.1757,
11.4313

■ 103.6446,
-49.8665, 23.6826

■ 19.3459, -21.7354,
9.3396

■ 117.0025,
-52.7498, 25.3039

■ 12.3720, -18.8616,
8.0894

■ 130.8896,
-55.5679, 26.9152

■ 5.5692, -9.7461,
3.8984

145.2863,

0.0000, NaN, NaN

-58.3309, 28.5202

0.0000, NaN, NaN

160.1753,
-61.0465, 30.1214

0.0000, NaN, NaN

■ 55.9896, -37.3802,
16.9881

■ 55.9896, -37.3802,
16.9881

■ 55.5285, -39.5972,
18.9766

■ 56.6068, -34.5373,
14.9750

■ 55.2056, -41.2270,
20.9092

■ 57.3868, -31.0523,
12.9646

■ 55.0191, -42.2162,
22.3636

■ 58.3370, -26.9333,
10.9845

■ 59.4606, -22.2050,
9.0597

■ 60.7583, -16.9062,
7.2121

■ 62.2283, -11.0853,
5.4601

■ 63.8671, -4.7964,
3.8182

■ 65.6697, 1.9037,
2.2969

■ 67.6300, 8.9588,
0.9032

Harmonies

Analogous

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



55.9907, -26.5209, 26.9937



55.9896, -37.3802, 16.9881



55.9907, -39.7446, -1.9477

Triad

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



55.9907, -37.3808, 16.9886



55.9907, 2.1251, -55.0171



55.9907, 36.0117, 22.4518

Complementary

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



55.9896, -37.3802, 16.9881



34.5339, 46.4199, -1.3205

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.



55.9907, 46.6697, 7.6215



55.9896, -37.3802, 16.9881



55.9907, 25.2094, -40.9078

Square

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



55.9907, -37.3808, 16.9886



55.9907, -19.0750, -49.3132



55.9907, 42.4337, -15.7671



55.9907, 15.1434, 29.1679

Rectangle

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



55.9896, -37.3802, 16.9881



55.9907, -36.5819, -18.7132



55.9907, 42.4337, -15.7671



55.9907, 41.0456, 18.5335

Sweetspot

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



55.9907, -37.3808, 16.9886



81.7776, -22.9973, 9.7874



57.3618, -33.5932, 31.8673



37.9014, -11.6166, 4.8596



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.



55.9907, -37.3808, 16.9886



74.4889, -54.8374, 27.2537



56.8619, -27.2173, -6.1364



30.0132, -4.4925, 2.3907



47.4731, -36.3441, 19.1193



7.9868, -5.6385, 2.1891

Inverse Universe

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



34.5339, 46.4199, -1.3205



42.6221, 70.8517, 2.5681



33.5733, 40.6224, 16.4599



28.4172, 1.4966, 0.8461



26.4078, 46.9166, 3.9452



4.5290, 8.2761, -1.1045

Previews

White Background



This preview shows how the HunterLab color 55.9896, -37.3802, 16.9881 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 55.9896, -37.3802, 16.9881 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 55.9896, -37.3802, 16.9881 Background



This preview shows how black text looks on a background with the HunterLab color 55.9896, -37.3802, 16.9881.



This preview shows how white text looks on a background with the HunterLab color 55.9896,

-37.3802, 16.9881.

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

55.9896, -37.3802, 16.9881

Protanopia

55.6234, -5.1741, 19.9388

Deuteranopia

55.5310, 3.8179, 15.3127



Tritanopia

55.8400, -20.8880, -10.1222

Trichromacy



Original Color

55.9896, -37.3802, 16.9881

Protanomaly

54.7210, -20.7683, 17.9833

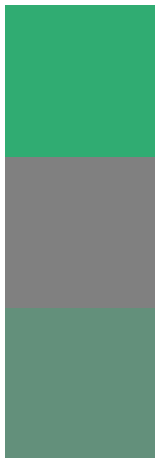
Deuteranomaly

54.2382, -15.7851, 14.4090

Tritanomaly

55.7623, -27.6997, 1.3696

Monochromacy



Original Color

55.9896, -37.3802, 16.9881

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

49.0196, -17.7120, 7.2306

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.9896, -37.3802, 16.9881 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(48, 172, 114)` looks like.

```
.text, #text, p{  
    color:rgb(48, 172, 114)  
}
```

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(48, 172, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 172, 114) }
```

Border

The CSS property to change the border of an element to HunterLab 55.9896, -37.3802, 16.9881 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(48, 172, 114) }
```


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

```
.border{ border-color:rgb(48, 172, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 172, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 172, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 172, 114);  
box-shadow:4px 4px 4px 4px rgb(48, 172,  
114) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.9896, -37.3802, 16.9881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 172, 114) }
```

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

```
.background{ background-color: rgb(48, 172,  
114) }
```

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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