

Converting Colors

HunterLab(56.1429, -32.5606,
15.4839)

Have a look what the booklet for
HunterLab(56.1429, -32.5606,
15.4839) contains.

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Color

**HunterLab(56.2298,
-32.7381, 15.6728)**

Conversions

Conversions Part 1

Format	Color
Hex	4CAA77
RGB	76, 170, 119
RGB Percent	30%, 67%, 47%
CMY	0.7020, 0.3333, 0.5333
CMYK	0.55, 0.00, 0.30, 0.33
HSL	147°, 38%, 48%
HSV	147°, 55%, 67%
XYZ	20.6850, 31.6179, 22.4654
YIQ	136.0800, -39.6530, -35.7890

Conversions

Conversions Part 2

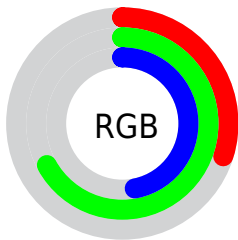
Format	Color
RYB	76, 140, 170
Decimal	5024375
CIELab	63.03, -39.88, 18.07
CIELCh	63, 43.780, 155.621
Yxy	31.6192, 0.2767, 0.4229
Android (android.graphics.Color)	4283214455 (0xFF4CAA77)
YUV	136.0800, -8.4204, -52.6902
Hunter-Lab	56.2298, -32.7381, 15.6728

Details

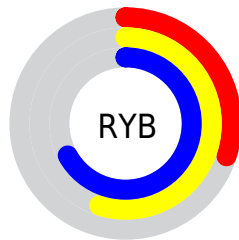
The HunterLab color **56.2298, -32.7381, 15.6728** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **39.0487, 36.7748, -5.7832**, and the grayscale version is **49.6952, -2.6516, 2.7000**.

A 20% lighter version of the original color is **78.8914, -38.3633, 18.9855**, and **36.3100, -26.6511, 12.4459** is the 20% darker color. If you saturate the color by 10%, you get **55.4991, -36.0739, 17.8749**, and if you desaturate by 10%, it is **57.1335, -28.7477, 13.4284**.

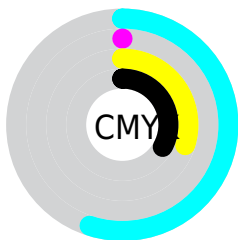
Distribution



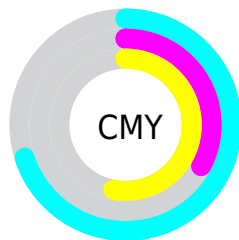
- Red (30%)
- Green (67%)
- Blue (47%)



- Red (30%)
- Yellow (55%)
- Blue (67%)



- Cyan (55%)
- Magenta (0%)
- Yellow (30%)
- Black (33%)



- Cyan (70%)
- Magenta (33%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.2298, -32.7381, 15.6728 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 56.2298, -32.7381, 15.6728 by changing the saturation by 10% instead.

■ 56.2298, -32.7381,
15.6728

■ 56.2298, -32.7381,
15.6728

175.8923,
-55.7615, 29.4148

■ 45.9029, -29.7556,
14.0514

■ 78.8756, -38.3235,
18.8106

■ 36.2984, -26.5937,
12.3732

■ 91.1199, -40.9755,
20.3461

■ 27.4767, -23.1908,
10.6132

■ 103.9395,
-43.5571, 21.8684

■ 19.5146, -19.4470,
8.7303

■ 117.3095,
-46.0806, 23.3823

■ 12.5174, -16.2403,
7.3086

■ 131.2083,
-48.5557, 24.8913

■ 5.7887, -10.1303,
4.0521

145.6163,

0.0000, NaN, NaN

-50.9901, 26.3983

0.0000, NaN, NaN

160.5162,
-53.3904, 27.9055

0.0000, NaN, NaN

■ 56.2298, -32.7381,
15.6728

■ 56.2298, -32.7381,
15.6728

■ 55.4991, -36.0739,
17.8749

■ 57.1335, -28.7477,
13.4284

■ 54.9307, -38.7501,
20.0039

■ 58.2107, -24.1230,
11.1687

■ 54.5146, -40.7880,
22.0316

■ 59.4636, -18.9023,
8.9211

■ 54.2339, -42.2401,
23.9290

■ 60.8909, -13.1346,
6.7099

■ 54.1270, -42.8081,
24.7563

■ 62.4893, -6.8754,
4.5559

■ 64.2538, -0.1836,
2.4763

■ 66.1785, 6.8818,
0.4846

■ 68.2564, 14.2646,
-1.4097

■ 70.4801, 21.9124,
-3.2004

Harmonies

Analogous

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



56.2309, -22.8639, 24.7226



56.2298, -32.7381, 15.6728



56.2309, -35.1281, -0.4759

Triad

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



56.2309, -32.7388, 15.6733



56.2309, 0.6454, -44.0854



56.2309, 30.1308, 19.8650

Complementary

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



56.2298, -32.7381, 15.6728



39.0487, 36.7748, -5.7832

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.



56.2309, 38.4862, 6.3817



56.2298, -32.7381, 15.6728



56.2309, 20.0647, -33.4598

Square

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



56.2309, -32.7388, 15.6733



56.2309, -17.3954, -39.0491



56.2309, 34.5766, -13.3829



56.2309, 12.9996, 26.5150

Rectangle

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



56.2298, -32.7381, 15.6728



56.2309, -32.4755, -14.2703



56.2309, 34.5766, -13.3829



56.2309, 34.1563, 16.1871

Sweetspot

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



56.2309, -32.7388, 15.6733



81.6121, -19.3127, 9.6326



58.1710, -26.5055, 28.4113



38.3598, -9.8435, 4.8200



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.



56.2309, -32.7388, 15.6733



74.5931, -49.3444, 24.6314



57.4586, -25.4504, -1.9212



29.0907, -4.4341, 2.5435



46.4345, -36.6411, 21.0586



7.3143, -5.2739, 2.2426

Inverse Universe

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



39.0487, 36.7748, -5.7832



47.9153, 59.6821, -7.7321



37.8222, 31.2059, 11.7407



27.5823, 1.5290, 0.5834



26.2095, 47.1082, -0.3011



4.2104, 7.7880, -1.7569

Previews

White Background



This preview shows how the HunterLab color 56.2298, -32.7381, 15.6728 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 56.2298, -32.7381, 15.6728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

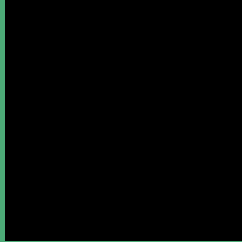
Any Text WCAG AA ✓ Pass

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 56.2298, -32.7381, 15.6728 Background



This preview shows how black text looks on a background with the HunterLab color 56.2298, -32.7381, 15.6728.



This preview shows how white text looks on a background with the HunterLab color 56.2298,

-32.7381, 15.6728.

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

56.2298, -32.7381, 15.6728

Protanopia

55.7382, -4.5417, 18.2688

Deuteranopia

55.8955, 3.8033, 14.2823



Tritanopia

56.2177, -17.8993, -8.9913

Trichromacy



Original Color

56.2298, -32.7381, 15.6728

Protanomaly

55.2213, -17.0408, 16.6362

Deuteranomaly

55.1573, -12.2242, 13.9818

Tritanomaly

56.2294, -24.1488, 1.5272

Monochromacy



Original Color

56.2298, -32.7381, 15.6728

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

51.3507, -14.9239, 6.9965

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.2298, -32.7381, 15.6728 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(76, 170, 119)` looks like.

```
.text, #text, p{  
    color:rgb(76, 170, 119)  
}
```

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(76, 170, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 170, 119) }
```

Border

The CSS property to change the border of an element to HunterLab 56.2298, -32.7381, 15.6728 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(76, 170, 119) }
```


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

```
.border{ border-color:rgb(76, 170, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 170, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 170, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 170, 119);  
box-shadow:4px 4px 4px 4px rgb(76, 170,  
119) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.2298, -32.7381, 15.6728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 170, 119) }
```

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

```
.background{ background-color: rgb(76, 170,  
119) }
```

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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