

Converting Colors

HunterLab(56.5259, -39.4528,
14.5148)

Have a look what the booklet for
HunterLab(56.5259, -39.4528,
14.5148) contains.

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Color

**HunterLab(56.6480,
-39.5634, 14.6008)**

Conversions

Conversions Part 1

Format	Color
Hex	00AF7B
RGB	0, 175, 123
RGB Percent	0%, 69%, 48%
CMY	1.0000, 0.3137, 0.5176
CMYK	1.00, 0.00, 0.30, 0.31
HSL	162°, 100%, 34%
HSV	162°, 100%, 69%
XYZ	18.9051, 32.0900, 23.9364
YIQ	116.7470, -87.6080, -53.2720

Conversions

Conversions Part 2

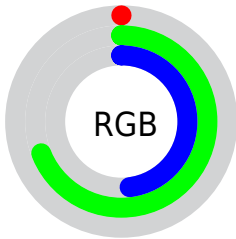
Format	Color
RYB	0, 103, 175
Decimal	44923
CIELab	63.42, -50.45, 16.22
CIELCh	63, 52.993, 162.176
Yxy	32.0912, 0.2523, 0.4283
Android (android.graphics.Color)	4278235003 (0xFF00AF7B)
YUV	116.7470, 3.0827, -102.3871
Hunter-Lab	56.6480, -39.5634, 14.6008

Details

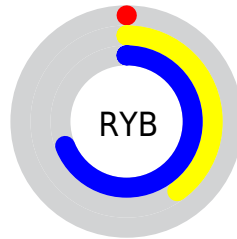
The HunterLab color **56.6480, -39.5634, 14.6008** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **30.5984, 53.2090, 13.4877**, and the grayscale version is **42.0940, -2.2460, 2.2870**.

A 20% lighter version of the original color is **79.4827, -46.5525, 17.5226**, and **37.6419, -27.5889, 12.5074** is the 20% darker color. If you saturate the color by 10%, you get **56.6490, -39.5646, 14.6024**, and if you desaturate by 10%, it is **56.8760, -38.3952, 13.0130**.

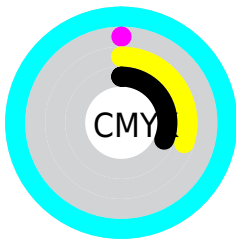
Distribution



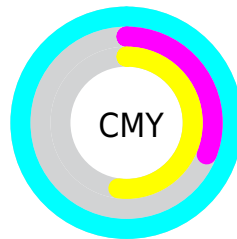
- Red (0%)
- Green (69%)
- Blue (48%)



- Red (0%)
- Yellow (40%)
- Blue (69%)



- Cyan (100%)
- Magenta (0%)
- Yellow (30%)
- Black (31%)



- Cyan (100%)
- Magenta (31%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.6480, -39.5634, 14.6008 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 56.6480, -39.5634, 14.6008 by changing the saturation by 10% instead.

■ 56.6480, -39.5634,
14.6008

■ 56.6480, -39.5634,
14.6008

176.5034,
-67.3018, 27.5552

■ 46.2938, -35.8784,
13.0983

■ 79.3436, -46.4036,
17.5274

■ 36.6600, -31.9484,
11.5511

■ 91.6110, -49.6251,
18.9675

■ 27.8063, -27.6927,
9.9377

■ 104.4525,
-52.7452, 20.3999

■ 19.8088, -22.9856,
8.2230

■ 117.8436,
-55.7806, 21.8284

■ 12.7714, -19.8293,
6.6958

■ 131.7626,
-58.7443, 23.2561

■ 6.1516, -10.7652,
4.3061

■ 146.1902,

0.0000, NaN, NaN

-61.6470, 24.6852

0.0000, NaN, NaN

161.1090,
-64.4971, 26.1178

0.0000, NaN, NaN

■ 56.6480, -39.5634,
14.6008

■ 56.6480, -39.5634,
14.6008

■ 56.6490, -39.5646,
14.6024

■ 56.8760, -38.3952,
13.0130

■ 57.2042, -36.8081,
11.4537

■ 57.6691, -34.6688,
9.9720

■ 58.2849, -31.9387,
8.5951

■ 59.0611, -28.6026,
7.3468

■ 60.0042, -24.6652,
6.2462

■ 61.1176, -20.1471,
5.3085

■ 62.4020, -15.0822,
4.5442

■ 63.8561, -9.5132,
3.9597

Harmonies

Analogous

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



56.6491, -29.9875, 26.3880



56.6480, -39.5634, 14.6008



56.6491, -40.3874, -6.6233

Triad

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



56.6491, -39.5638, 14.6013



56.6491, 6.6997, -56.1031



56.6491, 33.9926, 24.8259

Complementary

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



56.6480, -39.5634, 14.6008



30.5984, 53.2090, 13.4877

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.



56.6491, 47.5408, 11.3283



56.6480, -39.5634, 14.6008



56.6491, 30.1660, -38.2705

Square

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



56.6491, -39.5638, 14.6013



56.6491, -16.0508, -54.0610



56.6491, 46.0373, -11.5133



56.6491, 11.2941, 30.4418

Rectangle

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



56.6480, -39.5634, 14.6008



56.6491, -36.0714, -24.5080



56.6491, 46.0373, -11.5133



56.6491, 39.9206, 21.3549

Sweetspot

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



56.6491, -39.5638, 14.6013



81.7063, -27.2983, 7.1644



56.0399, -44.6436, 33.7496



38.2191, -14.0830, 3.6115



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.6491, -39.5638, 14.6013



75.7837, -53.1092, 19.9246



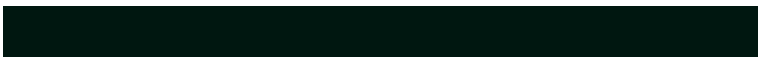
46.7471, -16.4472, -22.9240



30.0515, -4.2794, 1.8444



47.9498, -33.4093, 12.1881



8.0536, -5.2304, 1.2245

Inverse Universe

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



30.5984, 53.2090, 13.4877



40.9064, 71.0571, 18.6525



32.1201, 45.3836, 20.5861



28.3779, 1.2855, 1.4057



25.9114, 45.0967, 11.1424



4.4330, 7.9288, 0.2511

Previews

White Background



This preview shows how the HunterLab color 56.6480, -39.5634, 14.6008 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 56.6480, -39.5634, 14.6008 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 56.6480, -39.5634, 14.6008 Background



This preview shows how black text looks on a background with the HunterLab color 56.6480, -39.5634, 14.6008.



This preview shows how white text looks on a background with the HunterLab color 56.6480,

-39.5634, 14.6008.

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

56.6480, -39.5634, 14.6008

Protanopia

56.1616, -4.4626, 18.0354

Deuteranopia

56.1840, 3.5835, 12.7660



Tritanopia

56.8078, -23.5404, -11.0336

Trichromacy



Original Color

56.6480, -39.5634, 14.6008



Protanomaly

54.1932, -24.0529, 14.5601



Deuteranomaly

53.8756, -19.9233, 10.7525



Tritanomaly

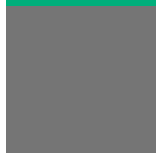
56.6356, -30.6966, -0.4552

Monochromacy



Original Color

56.6480, -39.5634, 14.6008



Achromatopsia

42.1768, -2.2504, 2.2915



Achromatomaly

45.7872, -20.7061, 5.2518

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.6480, -39.5634, 14.6008 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, 175, 123)` looks like.

```
.text, #text, p{  
    color:rgb(0, 175, 123)  
}
```

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, 175, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 175, 123) }
```

Border

The CSS property to change the border of an element to HunterLab 56.6480, -39.5634, 14.6008 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, 175, 123) }
```


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

```
.border{ border-color:rgb(0, 175, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 175, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 175, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 175, 123);  
box-shadow:4px 4px 4px 4px rgb(0, 175,  
123) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.6480, -39.5634, 14.6008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 175, 123) }
```

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

```
.background{ background-color: rgb(0, 175,  
123) }
```

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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