

Converting Colors

HunterLab(46.9745, -47.6725,
11.9198)

Have a look what the booklet for
HunterLab(46.9745, -47.6725,
11.9198) contains.

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Color

**HunterLab(49.7556,
-35.6391, 14.7444)**

Conversions

Conversions Part 1

Format	Color
Hex	009C67
RGB	0, 156, 103
RGB Percent	0%, 61%, 40%
CMY	1.0000, 0.3882, 0.5961
CMYK	1.00, 0.00, 0.34, 0.39
HSL	160°, 100%, 31%
HSV	160°, 100%, 61%
XYZ	14.3366, 24.7562, 16.8547
YIQ	103.3140, -75.9630, -49.5550

Conversions

Conversions Part 2

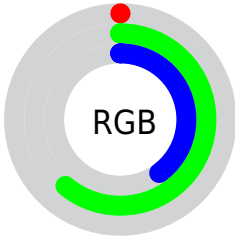
Format	Color
RYB	0, 94, 156
Decimal	40039
CIELab	56.84, -47.80, 18.19
CIELCh	57, 51.141, 159.159
Yxy	24.7572, 0.2563, 0.4425
Android (android.graphics.Color)	4278230119 (0xFF009C67)
YUV	103.3140, -0.1548, -90.6064
Hunter-Lab	49.7556, -35.6391, 14.7444

Details

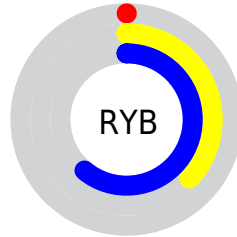
The HunterLab color **49.7556, -35.6391, 14.7444** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **27.0657, 47.2989, 10.1246**, and the grayscale version is **36.9700, -1.9726, 2.0087**.

A 20% lighter version of the original color is **71.7261, -42.6324, 18.1797**, and **31.6007, -23.8719, 12.0346** is the 20% darker color. If you saturate the color by 10%, you get **49.7564, -35.6402, 14.7457**, and if you desaturate by 10%, it is **49.9737, -34.5228, 13.2568**.

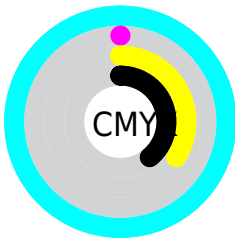
Distribution



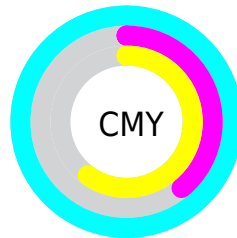
- Red (0%)
- Green (61%)
- Blue (40%)



- Red (0%)
- Yellow (37%)
- Blue (61%)



- Cyan (100%)
- Magenta (0%)
- Yellow (34%)
- Black (39%)



- Cyan (100%)
- Magenta (39%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.7556, -35.6391, 14.7444 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 49.7556, -35.6391, 14.7444 by changing the saturation by 10% instead.

■ 49.7556, -35.6391,
14.7444

■ 49.7556, -35.6391,
14.7444

166.3209,
-62.6919, 28.6049

■ 39.8701, -31.9914,
13.0821

■ 71.5982, -42.3581,
17.9357

■ 30.7421, -28.0694,
11.3478

■ 83.4726, -45.5063,
19.4889

■ 22.4418, -23.7721,
9.5075

■ 95.9393, -48.5487,
21.0250

■ 15.0619, -19.1885,
7.5611

■ 108.9714,
-51.5034, 22.5495

■ 8.7007, -15.2262,
6.0905

■ 122.5453,
-54.3849, 24.0668

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 136.6403,

-57.2043, 25.5801

0.0000, NaN, NaN

151.2378,
-59.9708, 27.0921

0.0000, NaN, NaN

■ 49.7556, -35.6391,
14.7444

■ 49.7556, -35.6391,
14.7444

■ 49.7564, -35.6402,
14.7457

■ 49.9737, -34.5228,
13.2568

■ 50.2775, -33.0447,
11.7686

■ 50.7023, -31.0750,
10.3254

■ 51.2598, -28.5828,
8.9516

■ 51.9581, -25.5575,
7.6684

■ 52.8023, -22.0053,
6.4943

■ 53.7950, -17.9464,
5.4441

■ 54.9368, -13.4115,
4.5292

■ 56.2263, -8.4392,
3.7572

Harmonies

Analogous

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



49.7566, -26.1197, 24.5398



49.7556, -35.6391, 14.7444



49.7566, -37.1856, -3.9515

Triad

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



49.7566, -35.6395, 14.7448



49.7566, 4.0804, -53.6967



49.7566, 33.5397, 21.6626

Complementary

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



49.7556, -35.6391, 14.7444



27.0657, 47.2989, 10.1246

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.



49.7566, 44.9694, 8.5585



49.7556, -35.6391, 14.7444



49.7566, 26.1636, -38.3395

Square

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



49.7566, -35.6395, 14.7448



49.7566, -16.5001, -49.6948



49.7566, 42.0627, -13.3736



49.7566, 12.8861, 27.1959

Rectangle

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



49.7556, -35.6391, 14.7444



49.7566, -33.8006, -20.4564



49.7566, 42.0627, -13.3736



49.7566, 38.7344, 18.2857

Sweetspot

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



49.7566, -35.6395, 14.7448



72.4120, -24.5328, 7.4168



49.5772, -38.3591, 29.8774



33.7139, -12.5385, 3.7302



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



49.7566, -35.6395, 14.7448



67.0270, -48.2055, 20.2839



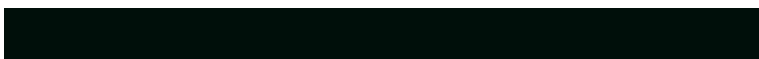
43.6660, -17.8184, -16.1131



27.3334, -3.9096, 1.7984



45.1643, -32.3004, 13.2758



6.1018, -3.9371, 0.8724

Inverse Universe

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



27.0657, 47.2989, 10.1246



36.4293, 63.5764, 14.3142



27.7441, 41.6846, 17.8249



25.8486, 1.1805, 1.1567



24.5754, 42.9720, 9.0131



3.3983, 6.1550, -0.4026

Previews

White Background



This preview shows how the HunterLab color 49.7556, -35.6391, 14.7444 looks on a white background.

Color Contrast Check

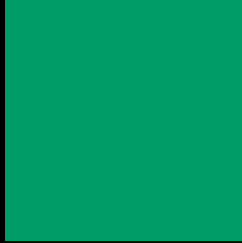
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.7556, -35.6391, 14.7444 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 49.7556, -35.6391, 14.7444 Background



This preview shows how black text looks on a background with the HunterLab color 49.7556, -35.6391, 14.7444.



This preview shows how white text looks on a background with the HunterLab color 49.7556, -35.6391, 14.7444.

-35.6391, 14.7444.

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

49.7556, -35.6391, 14.7444

Protanopia

49.5252, -4.9303, 17.7533

Deuteranopia

49.3341, 3.5539, 13.0739



Tritanopia

49.8522, -20.2779, -9.7380

Trichromacy



Original Color

49.7556, -35.6391, 14.7444



Protanomaly

47.7861, -22.0129, 15.0284



Deuteranomaly

47.2160, -17.4019, 11.3227



Tritanomaly

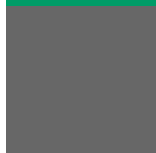
49.6890, -27.2455, 0.5362

Monochromacy



Original Color

49.7556, -35.6391, 14.7444



Achromatopsia

36.8284, -1.9651, 2.0010



Achromatomaly

40.0707, -18.2073, 5.3860

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.7556, -35.6391, 14.7444 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, 156, 103)` looks like.

```
.text, #text, p{  
    color:rgb(0, 156, 103)  
}
```

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, 156, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 156, 103) }
```

Border

The CSS property to change the border of an element to HunterLab 49.7556, -35.6391, 14.7444 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, 156, 103) }
```


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

```
.border{ border-color:rgb(0, 156, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 156, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 156, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 156, 103);  
box-shadow:4px 4px 4px 4px rgb(0, 156,  
103) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.7556, -35.6391, 14.7444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 156, 103) }
```

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

```
.background{ background-color: rgb(0, 156,  
103) }
```

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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