

Converting Colors

HunterLab(47.5096, -44.2135,
12.2812)

Have a look what the booklet for
HunterLab(47.5096, -44.2135,
12.2812) contains.

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Color

**HunterLab(49.4390,
-35.1767, 14.1420)**

Conversions

Conversions Part 1

Format	Color
Hex	009B68
RGB	0, 155, 104
RGB Percent	0%, 61%, 41%
CMY	1.0000, 0.3921, 0.5922
CMYK	1.00, 0.00, 0.33, 0.39
HSL	160°, 100%, 30%
HSV	160°, 100%, 61%
XYZ	14.2200, 24.4421, 17.0650
YIQ	102.8410, -76.0090, -48.7210

Conversions

Conversions Part 2

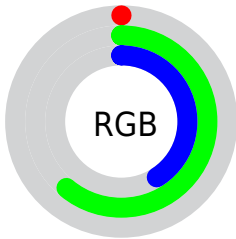
Format	Color
RYB	0, 93, 155
Decimal	39784
CIELab	56.53, -47.19, 17.22
CIELCh	57, 50.228, 159.954
Yxy	24.4431, 0.2552, 0.4386
Android (android.graphics.Color)	4278229864 (0xFF009B68)
YUV	102.8410, 0.5714, -90.1916
Hunter-Lab	49.4390, -35.1767, 14.1420

Details

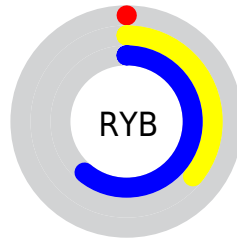
The HunterLab color $49.4390, -35.1767, 14.1420$ is a dark color, and the websafe version is hex 009966 . A complement of this color would be $26.8481, 46.8664, 10.4445$, and the grayscale version is $36.7888, -1.9630, 1.9988$.

A 20% lighter version of the original color is $71.0535, -41.7089, 17.1763$, and $31.3020, -23.4723, 11.5453$ is the 20% darker color. If you saturate the color by 10%, you get $49.4398, -35.1779, 14.1434$, and if you desaturate by 10%, it is $49.6546, -34.0765, 12.6905$.

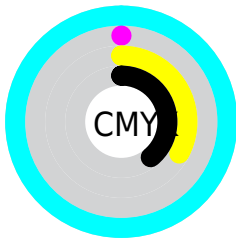
Distribution



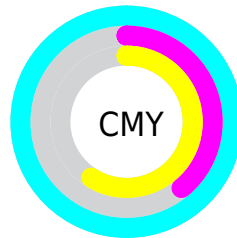
- Red (0%)
- Green (61%)
- Blue (41%)



- Red (0%)
- Yellow (36%)
- Blue (61%)



- Cyan (100%)
- Magenta (0%)
- Yellow (33%)
- Black (39%)



- Cyan (100%)
- Magenta (39%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.4390, -35.1767, 14.1420 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 49.4390, -35.1767, 14.1420 by changing the saturation by 10% instead.

■ 49.4390, -35.1767,
14.1420

■ 49.4390, -35.1767,
14.1420

165.8473,
-61.9700, 27.5743

■ 39.5761, -31.5654,
12.5440

■ 71.2407, -41.8286,
17.2188

■ 30.4725, -27.6820,
10.8802

■ 83.0963, -44.9458,
18.7202

■ 22.1992, -23.4254,
9.1185

■ 95.5451, -47.9586,
20.2074

■ 14.8496, -18.9268,
7.2457

■ 108.5600,
-50.8849, 21.6855

■ 8.5016, -14.8778,
5.9511

■ 122.1176,
-53.7391, 23.1585

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 136.1967,

-56.5322, 24.6294

0.0000, NaN, NaN

150.7789,
-59.2734, 26.1007

0.0000, NaN, NaN

■ 49.4390, -35.1767,
14.1420

■ 49.4390, -35.1767,
14.1420

■ 49.4398, -35.1779,
14.1434

■ 49.6546, -34.0765,
12.6905

■ 49.9545, -32.6211,
11.2443

■ 50.3741, -30.6805,
9.8490

■ 50.9250, -28.2243,
8.5285

■ 51.6151, -25.2416,
7.3037

■ 52.4495, -21.7383,
6.1922

■ 53.4310, -17.7339,
5.2083

■ 54.5600, -13.2585,
4.3626

■ 55.8353, -8.3499,
3.6620

Harmonies

Analogous

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



49.4400, -26.0170, 24.0271



49.4390, -35.1767, 14.1420



49.4400, -36.4927, -4.4292

Triad

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



49.4400, -35.1771, 14.1424



49.4400, 4.5439, -52.1525



49.4400, 32.3250, 21.5662

Complementary

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



49.4390, -35.1767, 14.1420



26.8481, 46.8664, 10.4445

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.



49.4400, 43.8147, 8.8884



49.4390, -35.1767, 14.1420



49.4400, 26.0933, -36.7998

Square

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



49.4400, -35.1771, 14.1424



49.4400, -15.7497, -48.7865



49.4400, 41.3609, -12.3902



49.4400, 11.9949, 26.9027

Rectangle

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



49.4390, -35.1767, 14.1420



49.4400, -33.0201, -20.6208



49.4400, 41.3609, -12.3902



49.4400, 37.4915, 18.3005

Sweetspot

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



49.4400, -35.1771, 14.1424



71.4191, -24.0673, 7.0428



49.1579, -38.3808, 29.6186



33.7237, -12.4812, 3.5885



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.



49.4400, -35.1771, 14.1424



66.1341, -47.2427, 19.3215



42.5585, -16.6410, -17.2704



26.4423, -3.7585, 1.7082



44.3162, -31.4765, 12.5572



5.4795, -3.4772, 0.6575

Inverse Universe

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



26.8481, 46.8664, 10.4445



35.8842, 62.5584, 14.6167



27.7501, 40.7450, 17.8121



25.0091, 1.1173, 1.1505



24.0741, 42.0520, 9.1664



3.0475, 5.5206, -0.3694

Previews

White Background



This preview shows how the HunterLab color 49.4390, -35.1767, 14.1420 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 49.4390, -35.1767, 14.1420 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 49.4390, -35.1767, 14.1420 Background



This preview shows how black text looks on a background with the HunterLab color 49.4390, -35.1767, 14.1420.



This preview shows how white text looks on a background with the HunterLab color 49.4390, -35.1767, 14.1420.

-35.1767, 14.1420.

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

49.4390, -35.1767, 14.1420

Protanopia

49.1670, -4.6954, 17.1587

Deuteranopia

49.1518, 2.9857, 12.5447



Tritanopia

49.4720, -20.1751, -9.7267

Trichromacy



Original Color

49.4390, -35.1767, 14.1420

Protanomaly

47.4375, -21.7142, 14.4082

Deuteranomaly

47.1175, -17.7309, 10.8706

Tritanomaly

49.3627, -26.8641, 0.1461

Monochromacy



Original Color

49.4390, -35.1767, 14.1420

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 49.4390, -35.1767, 14.1420 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, 155, 104)` looks like.

```
.text, #text, p{  
    color:rgb(0, 155, 104)  
}
```

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, 155, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 155, 104) }
```

Border

The CSS property to change the border of an element to HunterLab 49.4390, -35.1767, 14.1420 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, 155, 104) }
```


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

```
.border{ border-color:rgb(0, 155, 104) }
```

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

Here you see how a box with a 4 pixel rgb(0, 155, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 155, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 155, 104);  
box-shadow:4px 4px 4px 4px rgb(0, 155,  
104) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.4390, -35.1767, 14.1420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 155, 104) }
```

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

```
.background{ background-color: rgb(0, 155,  
104) }
```

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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