

Converting Colors

HunterLab(48.5356, -35.9222,
16.8805)

Have a look what the booklet for
HunterLab(48.5356, -35.9222,
16.8805) contains.

HunterLab(48.5337, -35.9338, 16.9079)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(48.5337,
-35.9338, 16.9079)**

Conversions

Conversions Part 1

Format	Color
Hex	00995C
RGB	0, 153, 92
RGB Percent	0%, 60%, 36%
CMY	1.0000, 0.4000, 0.6392
CMYK	1.00, 0.00, 0.40, 0.40
HSL	156°, 100%, 30%
HSV	156°, 100%, 60%
XYZ	13.3230, 23.5552, 13.9697
YIQ	100.2990, -71.6070, -51.4070

Conversions

Conversions Part 2

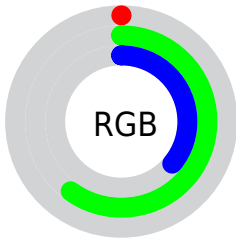
Format	Color
RYB	0, 96, 153
Decimal	39260
CIELab	55.64, -49.06, 22.64
CIELCh	56, 54.034, 155.223
Yxy	23.5561, 0.2620, 0.4632
Android (android.graphics.Color)	4278229340 (0xFF00995C)
YUV	100.2990, -4.0914, -87.9622
Hunter-Lab	48.5337, -35.9338, 16.9079

Details

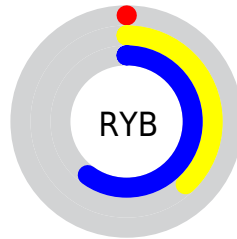
The HunterLab color **48.5337, -35.9338, 16.9079** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **26.6642, 46.9253, 7.4320**, and the grayscale version is **35.8466, -1.9127, 1.9476**.

A 20% lighter version of the original color is **70.0524, -42.7050, 20.4241**, and **30.5021, -23.9381, 13.5505** is the 20% darker color. If you saturate the color by 10%, you get **48.5345, -35.9349, 16.9091**, and if you desaturate by 10%, it is **48.7558, -34.7878, 15.3514**.

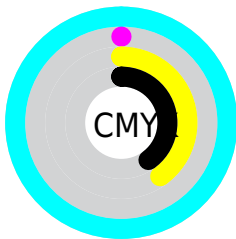
Distribution



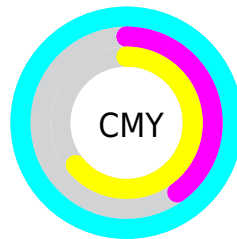
- Red (0%)
- Green (60%)
- Blue (36%)



- Red (0%)
- Yellow (38%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (40%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.5337, -35.9338, 16.9079 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 48.5337, -35.9338, 16.9079 by changing the saturation by 10% instead.

■ 48.5337, -35.9338,
16.9079

■ 48.5337, -35.9338,
16.9079

164.4897,
-63.6846, 32.7922

■ 38.7359, -32.1656,
14.9292

■ 70.2175, -42.8542,
20.6524

■ 29.7030, -28.1032,
12.8419

■ 82.0189, -46.0891,
22.4524

■ 21.5074, -23.6369,
10.6005

■ 94.4162, -49.2113,
24.2198

■ 14.2456, -19.3149,
8.7143

■ 107.3819,
-52.2402, 25.9627

■ 7.9022, -13.8289,
5.5316

■ 120.8921,
-55.1911, 27.6870

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 134.9257,

-58.0759, 29.3976

0.0000, NaN, NaN

149.4639,
-60.9044, 31.0983

0.0000, NaN, NaN

■ 48.5337, -35.9338,
16.9079

■ 48.5337, -35.9338,
16.9079

■ 48.5345, -35.9349,
16.9091

■ 48.7558, -34.7878,
15.3514

■ 49.0635, -33.2751,
13.7583

■ 49.4919, -31.2656,
12.1732

■ 50.0525, -28.7307,
10.6206

■ 50.7528, -25.6618,
9.1231

■ 51.5978, -22.0670,
7.7010

■ 52.5899, -17.9684,
6.3718

■ 53.7292, -13.3984,
5.1495

■ 55.0142, -8.3969,
4.0451

Harmonies

Analogous

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



48.5347, -25.0921, 25.6588



48.5337, -35.9338, 16.9079



48.5347, -38.5735, -1.2527

Triad

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



48.5347, -35.9342, 16.9083



48.5347, 1.4060, -58.7369



48.5347, 38.0078, 20.8777

Complementary

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



48.5337, -35.9338, 16.9079



26.6642, 46.9253, 7.4320

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.



48.5347, 48.3913, 6.2383



48.5337, -35.9338, 16.9079



48.5347, 24.9399, -44.3836

Square

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



48.5347, -35.9342, 16.9083



48.5347, -19.4116, -51.4852



48.5347, 43.2205, -17.9430



48.5347, 16.8839, 27.1109

Rectangle

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



48.5337, -35.9338, 16.9079



48.5347, -35.8334, -18.3510



48.5347, 43.2205, -17.9430



48.5347, 43.0293, 17.1013

Sweetspot

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



48.5347, -35.9342, 16.9083



70.2916, -24.3921, 8.6294



48.7668, -36.5544, 29.4096



32.7812, -12.4835, 4.3708



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



48.5347, -35.9342, 16.9083



64.9208, -48.2664, 23.0480



45.1575, -20.5392, -12.1040



26.4288, -3.8338, 1.9013



44.1300, -32.6213, 15.2614



5.4617, -3.5852, 0.9128

Inverse Universe

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



26.6642, 46.9253, 7.4320



35.6334, 62.6199, 10.6486



26.6890, 42.3314, 17.1861



25.0229, 1.1916, 0.9536



24.2527, 42.7075, 6.5708



3.0793, 5.6351, -0.8147

Previews

White Background



This preview shows how the HunterLab color 48.5337, -35.9338, 16.9079 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 48.5337, -35.9338, 16.9079 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 48.5337, -35.9338, 16.9079 Background



This preview shows how black text looks on a background with the HunterLab color 48.5337, -35.9338, 16.9079.



This preview shows how white text looks on a background with the HunterLab color 48.5337, -35.9338, 16.9079.

-35.9338, 16.9079.

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

48.5337, -35.9338, 16.9079

Protanopia

48.3161, -5.1624, 19.3892

Deuteranopia

48.1961, 3.4273, 15.5432



Tritanopia

48.4741, -19.3320, -9.4847

Trichromacy



Original Color

48.5337, -35.9338, 16.9079

Protanomaly

46.6043, -22.1446, 16.8585

Deuteranomaly

46.0024, -17.7568, 13.7728

Tritanomaly

48.1981, -26.8813, 1.9319

Monochromacy



Original Color

48.5337, -35.9338, 16.9079

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

38.9188, -18.2581, 6.4331

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.5337, -35.9338, 16.9079 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, 153, 92)` looks like.

```
.text, #text, p{  
    color:rgb(0, 153, 92)  
}
```

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, 153, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 153, 92) }
```

Border

The CSS property to change the border of an element to HunterLab 48.5337, -35.9338, 16.9079 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, 153, 92) }
```


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

```
.border{ border-color:rgb(0, 153, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 153, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 153, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 153, 92);  
box-shadow:4px 4px 4px 4px rgb(0, 153, 92)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 48.5337, -35.9338, 16.9079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 153, 92) }
```

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

```
.background{ background-color: rgb(0, 153,  
92) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor