

Converting Colors

HunterLab(48.2956, -52.6994,
10.1896)

Have a look what the booklet for
HunterLab(48.2956, -52.6994,
10.1896) contains.

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Color

**HunterLab(51.9716,
-36.5298, 13.8974)**

Conversions

Conversions Part 1

Format	Color
Hex	00A270
RGB	0, 162, 112
RGB Percent	0%, 64%, 44%
CMY	0.9999, 0.3647, 0.5608
CMYK	1.00, 0.00, 0.31, 0.36
HSL	161°, 100%, 32%
HSV	161°, 100%, 64%
XYZ	15.8449, 27.0105, 19.7076
YIQ	107.8620, -80.5020, -49.8940

Conversions

Conversions Part 2

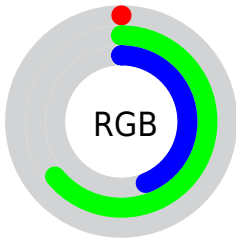
Format	Color
RYB	0, 96, 162
Decimal	41584
CIELab	58.99, -48.02, 16.15
CIELCh	59, 50.668, 161.412
Yxy	27.0115, 0.2533, 0.4317
Android (android.graphics.Color)	4278231664 (0xFF00A270)
YUV	107.8620, 2.0400, -94.5950
Hunter-Lab	51.9716, -36.5298, 13.8974

Details

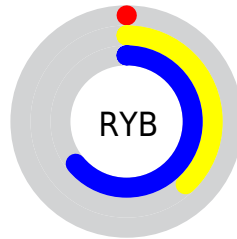
The HunterLab color **51.9716, -36.5298, 13.8974** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **28.1289, 48.9881, 11.8266**, and the grayscale version is **38.6887, -2.0643, 2.1020**.

A 20% lighter version of the original color is **74.1262, -43.2909, 16.8260**, and **33.6265, -24.9049, 11.7322** is the 20% darker color. If you saturate the color by 10%, you get **51.9725, -36.5310, 13.8990**, and if you desaturate by 10%, it is **52.1901, -35.4154, 12.4195**.

Distribution



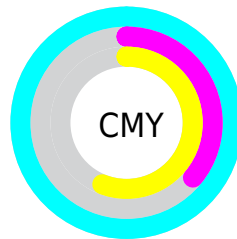
- Red (0%)
- Green (64%)
- Blue (44%)



- Red (0%)
- Yellow (38%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (31%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.9716, -36.5298, 13.8974 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 51.9716, -36.5298, 13.8974 by changing the saturation by 10% instead.

■ 51.9716, -36.5298,
13.8974

■ 51.9716, -36.5298,
13.8974

169.6210,
-63.5133, 26.8456

■ 41.9308, -32.9152,
12.3819

■ 74.0961, -43.2089,
16.8356

■ 32.6347, -29.0413,
10.8137

■ 86.1002, -46.3455,
18.2771

■ 24.1499, -24.8159,
9.1666

■ 98.6904, -49.3798,
19.7089

■ 16.5629, -20.0908,
7.3960

■ 111.8407,
-52.3292, 21.1354

■ 9.9961, -17.4932,
6.9973

■ 125.5282,
-55.2074, 22.5600

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 139.7326,

-58.0252, 23.9853

0.0000, NaN, NaN

154.4356,
-60.7914, 25.4133

0.0000, NaN, NaN

■ 51.9716, -36.5298,
13.8974

■ 51.9716, -36.5298,
13.8974

■ 51.9725, -36.5310,
13.8990

■ 52.1901, -35.4154,
12.4195

■ 52.4981, -33.9255,
10.9599

■ 52.9314, -31.9295,
9.5653

■ 53.5024, -29.3937,
8.2608

■ 54.2197, -26.3056,
7.0677

■ 55.0889, -22.6704,
6.0040

■ 56.1129, -18.5077,
5.0837

■ 57.2924, -13.8485,
4.3169

■ 58.6261, -8.7320,
3.7100

Harmonies

Analogous

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



51.9726, -27.4600, 24.5700



51.9716, -36.5298, 13.8974



51.9726, -37.4981, -5.5973

Triad

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



51.9726, -36.5302, 13.8978



51.9726, 5.6864, -52.5956



51.9726, 32.1238, 22.7427

Complementary

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



51.9716, -36.5298, 13.8974



28.1289, 48.9881, 11.8266

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.



51.9726, 44.4387, 10.0448



51.9716, -36.5298, 13.8974



51.9726, 27.5969, -36.3030

Square

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



51.9726, -36.5302, 13.8978



51.9726, -15.3447, -50.1698



51.9726, 42.6588, -11.3815



51.9726, 11.1139, 28.0497

Rectangle

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



51.9716, -36.5298, 13.8974



51.9726, -33.6430, -22.2163



51.9726, 42.6588, -11.3815



51.9726, 37.5609, 19.4752

Sweetspot

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



51.9726, -36.5302, 13.8978



75.5186, -25.2801, 6.9158



51.5301, -40.6364, 31.0408



35.5172, -13.0799, 3.5043



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



51.9726, -36.5302, 13.8978



69.9982, -49.3881, 19.1231



43.8110, -16.3099, -19.5506



28.2380, -4.0135, 1.7659



46.1383, -32.3714, 12.2116



6.7465, -4.3360, 0.9277

Inverse Universe

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



28.1289, 48.9881, 11.8266



37.8557, 65.8474, 16.5680



29.3184, 42.1968, 18.8038



26.6839, 1.1970, 1.2877



24.9800, 43.5333, 10.2945



3.7314, 6.7137, -0.0972

Previews

White Background



This preview shows how the HunterLab color 51.9716, -36.5298, 13.8974 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 51.9716, -36.5298, 13.8974 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 51.9716, -36.5298, 13.8974 Background



This preview shows how black text looks on a background with the HunterLab color 51.9716, -36.5298, 13.8974.



This preview shows how white text looks on a background with the HunterLab color 51.9716, -36.5298, 13.8974.

-36.5298, 13.8974.

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

51.9716, -36.5298, 13.8974

Protanopia

51.6763, -4.3483, 17.0440

Deuteranopia

51.6748, 3.4514, 12.2368



Tritanopia

52.0404, -21.2191, -10.5109

Trichromacy



Original Color

51.9716, -36.5298, 13.8974



Protanomaly

50.0768, -22.4795, 14.3192



Deuteranomaly

49.4518, -18.0067, 10.3466



Tritanomaly

51.9126, -28.0423, -0.5012

Monochromacy



Original Color

51.9716, -36.5298, 13.8974



Achromatopsia

38.7246, -2.0663, 2.1040



Achromatomaly

42.1991, -19.1395, 5.3402

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.9716, -36.5298, 13.8974 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, 162, 112)` looks like.

```
.text, #text, p{  
    color:rgb(0, 162, 112)  
}
```

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, 162, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 162, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 51.9716, -36.5298, 13.8974 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, 162, 112) }
```


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

```
.border{ border-color:rgb(0, 162, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 162, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 162, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 162, 112);  
box-shadow:4px 4px 4px 4px rgb(0, 162,  
112) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.9716, -36.5298, 13.8974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 162, 112) }
```

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

```
.background{ background-color: rgb(0, 162,  
112) }
```

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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