

Converting Colors

HunterLab(44.8836, -46.0833,
16.6057)

Have a look what the booklet for
HunterLab(44.8836, -46.0833,
16.6057) contains.

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Color

**HunterLab(47.3358,
-36.1100, 18.7854)**

Conversions

Conversions Part 1

Format	Color
Hex	009651
RGB	0, 150, 81
RGB Percent	0%, 59%, 32%
CMY	1.0000, 0.4118, 0.6823
CMYK	1.00, 0.00, 0.46, 0.41
HSL	152°, 100%, 29%
HSV	152°, 100%, 59%
XYZ	12.3915, 22.4068, 11.4564
YIQ	97.2840, -67.2510, -53.2590

Conversions

Conversions Part 2

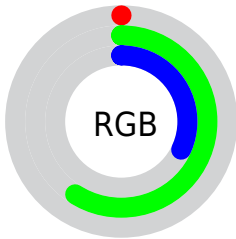
Format	Color
RYB	0, 97, 150
Decimal	38481
CIELab	54.46, -50.16, 27.06
CIELCh	54, 56.990, 151.656
Yxy	22.4077, 0.2679, 0.4844
Android (android.graphics.Color)	4278228561 (0xFF009651)
YUV	97.2840, -8.0280, -85.3181
Hunter-Lab	47.3358, -36.1100, 18.7854

Details

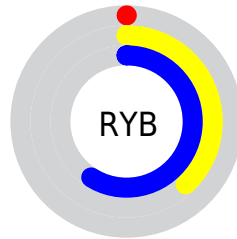
The HunterLab color $47.3358, -36.1100, 18.7854$ is a dark color, and the websafe version is hex 009966 . A complement of this color would be $26.2947, 46.6637, 4.3224$, and the grayscale version is $34.7288, -1.8530, 1.8869$.

A 20% lighter version of the original color is $68.7603, -43.0592, 23.1006$, and $29.7504, -24.1251, 14.8937$ is the 20% darker color. If you saturate the color by 10%, you get $47.3367, -36.1108, 18.7862$, and if you desaturate by 10%, it is $47.5585, -34.9555, 17.2098$.

Distribution



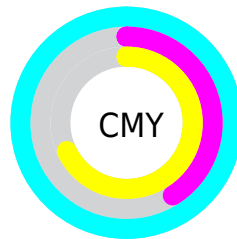
- Red (0%)
- Green (59%)
- Blue (32%)



- Red (0%)
- Yellow (38%)
- Blue (59%)



- Cyan (100%)
- Magenta (0%)
- Yellow (46%)
- Black (41%)



- Cyan (100%)
- Magenta (41%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.3358, -36.1100, 18.7854 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 47.3358, -36.1100, 18.7854 by changing the saturation by 10% instead.

47.3358, -36.1100,
18.7854

47.3358, -36.1100,
18.7854

162.6862,
-64.4903, 36.7549

37.6255, -32.2305,
16.4780

68.8614, -43.2143,
23.1033

28.6876, -28.0375,
14.0243

80.5903, -46.5278,
25.1583

20.5969, -23.4120,
11.3684

92.9185, -49.7219,
27.1644

13.4537, -19.6067,
9.4176

105.8183,
-52.8175, 29.1319

7.0243, -12.2925,
4.9170

119.2652,
-55.8306, 31.0689

0.0000, NaN, NaN

0.0000, NaN, NaN

133.2379,

-58.7739, 32.9819

0.0000, NaN, NaN

147.7173,
-61.6577, 34.8758

0.0000, NaN, NaN

■ 47.3358, -36.1100,
18.7854

■ 47.3358, -36.1100,
18.7854

■ 47.3367, -36.1108,
18.7862

■ 47.5585, -34.9555,
17.2098

■ 47.8668, -33.4279,
15.5581

■ 48.2959, -31.3967,
13.8729

■ 48.8569, -28.8348,
12.1787

■ 49.5571, -25.7357,
10.4989

■ 50.4011, -22.1095,
8.8556

■ 51.3909, -17.9798,
7.2685

■ 52.5267, -13.3809,
5.7547

■ 53.8065, -8.3540,
4.3283

Harmonies

Analogous

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



47.3368, -23.9967, 26.5132



47.3358, -36.1100, 18.7854



47.3368, -39.7749, 1.3168

Triad

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



47.3368, -36.1105, 18.7857



47.3368, -1.2145, -63.7275



47.3368, 42.4324, 20.0475

Complementary

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



47.3358, -36.1100, 18.7854



26.2947, 46.6637, 4.3224

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.



47.3368, 51.6732, 3.8029



47.3358, -36.1100, 18.7854



47.3368, 23.6139, -50.6000

Square

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



47.3368, -36.1105, 18.7857



47.3368, -22.1381, -53.0577



47.3368, 44.1981, -22.7285



47.3368, 20.9063, 26.9516

Rectangle

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



47.3358, -36.1100, 18.7854



47.3368, -37.6469, -16.2019



47.3368, 44.1981, -22.7285



47.3368, 47.2484, 15.8594

Sweetspot

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



47.3368, -36.1105, 18.7857



68.1854, -24.2289, 9.7785



48.0789, -34.2665, 29.0259



31.8551, -12.4158, 4.9763



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



47.3368, -36.1105, 18.7857



62.8549, -48.1460, 25.3702



47.3854, -24.0423, -7.3268



25.5297, -3.7560, 1.9971



43.1164, -32.8387, 16.9976



4.8321, -3.2518, 0.9799

Inverse Universe

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



26.2947, 46.6637, 4.3224



34.8808, 61.8094, 6.4541



25.6767, 42.8847, 16.5723



24.2015, 1.2011, 0.7561



23.9592, 42.5449, 3.7462



2.7587, 5.0970, -1.1067

Previews

White Background



This preview shows how the HunterLab color 47.3358, -36.1100, 18.7854 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 47.3358, -36.1100, 18.7854 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 47.3358, -36.1100, 18.7854 Background



This preview shows how black text looks on a background with the HunterLab color 47.3358, -36.1100, 18.7854.



This preview shows how white text looks on a background with the HunterLab color 47.3358,

-36.1100, 18.7854.

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

47.3358, -36.1100, 18.7854

Protanopia

47.1138, -5.3848, 21.0046

Deuteranopia

46.9808, 3.0635, 17.6237



Tritanopia

47.4201, -18.7914, -8.7896

Trichromacy



Original Color

47.3358, -36.1100, 18.7854

Protanomaly

45.3727, -22.4892, 18.6299

Deuteranomaly

44.8147, -17.9914, 15.9293

Tritanomaly

47.0725, -26.6958, 3.2484

Monochromacy



Original Color

47.3358, -36.1100, 18.7854

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

37.7760, -18.2872, 7.4229

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.3358, -36.1100, 18.7854 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, 150, 81)` looks like.

```
.text, #text, p{  
    color:rgb(0, 150, 81)  
}
```

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, 150, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 150, 81) }
```

Border

The CSS property to change the border of an element to HunterLab 47.3358, -36.1100, 18.7854 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, 150, 81) }
```


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

```
.border{ border-color:rgb(0, 150, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 150, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 150, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 150, 81);  
box-shadow:4px 4px 4px 4px rgb(0, 150, 81)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 47.3358, -36.1100, 18.7854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 150, 81) }
```

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

```
.background{ background-color: rgb(0, 150,  
81) }
```

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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