

Converting Colors

HunterLab(48.4831, -36.2460,
17.6451)

Have a look what the booklet for
HunterLab(48.4831, -36.2460,
17.6451) contains.

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Color

**HunterLab(48.4807,
-36.2609, 17.6803)**

Conversions

Conversions Part 1

Format	Color
Hex	009959
RGB	0, 153, 89
RGB Percent	0%, 60%, 35%
CMY	1.0000, 0.4000, 0.6510
CMYK	1.00, 0.00, 0.42, 0.40
HSL	155°, 100%, 30%
HSV	155°, 100%, 60%
XYZ	13.1944, 23.5038, 13.2925
YIQ	99.9570, -70.6440, -52.3400

Conversions

Conversions Part 2

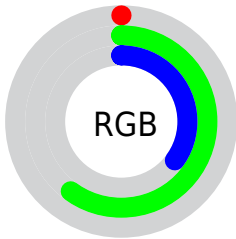
Format	Color
RYB	0, 97, 153
Decimal	39257
CIELab	55.59, -49.67, 24.21
CIELCh	56, 55.260, 154.015
Yxy	23.5047, 0.2639, 0.4702
Android (android.graphics.Color)	4278229337 (0xFF009959)
YUV	99.9570, -5.4018, -87.6623
Hunter-Lab	48.4807, -36.2609, 17.6803

Details

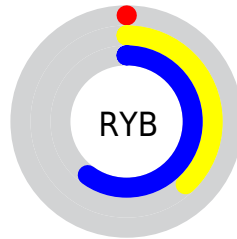
The HunterLab color **48.4807, -36.2609, 17.6803** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **26.7265, 47.1534, 6.5307**, and the grayscale version is **35.7226, -1.9061, 1.9409**.

A 20% lighter version of the original color is **69.9883, -43.0918, 21.3537**, and **30.4656, -24.1653, 14.0867** is the 20% darker color. If you saturate the color by 10%, you get **48.4815, -36.2620, 17.6815**, and if you desaturate by 10%, it is **48.7043, -35.1043, 16.1002**.

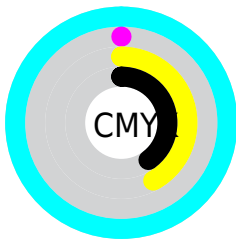
Distribution



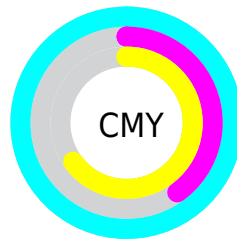
- Red (0%)
- Green (60%)
- Blue (35%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (42%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.4807, -36.2609, 17.6803 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 48.4807, -36.2609, 17.6803 by changing the saturation by 10% instead.

■ 48.4807, -36.2609,
17.6803

■ 48.4807, -36.2609,
17.6803

164.4101,
-64.3064, 34.2858

■ 38.6867, -32.4467,
15.5902

■ 70.1575, -43.2617,
21.6208

■ 29.6580, -28.3332,
13.3798

■ 81.9558, -46.5326,
23.5087

■ 21.4670, -23.8086,
11.0002

■ 94.3500, -49.6884,
25.3586

■ 14.2104, -19.4964,
9.1699

■ 107.3128,
-52.7492, 27.1793

■ 7.8656, -13.7648,
5.5059

■ 120.8203,
-55.7302, 28.9776

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 134.8512,

-58.6438, 30.7588

0.0000, NaN, NaN

149.3868,
-61.4999, 32.5271

0.0000, NaN, NaN

■ 48.4807, -36.2609,
17.6803

■ 48.4807, -36.2609,
17.6803

■ 48.4815, -36.2620,
17.6815

■ 48.7043, -35.1043,
16.1002

■ 49.0143, -33.5752,
14.4709

■ 49.4461, -31.5435,
12.8363

■ 50.0108, -28.9806,
11.2214

■ 50.7163, -25.8786,
9.6494

■ 51.5672, -22.2464,
8.1411

■ 52.5660, -18.1065,
6.7150

■ 53.7127, -13.4923,
5.3863

■ 55.0057, -8.4446,
4.1671

Harmonies

Analogous

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



48.4817, -24.9162, 26.1522



48.4807, -36.2609, 17.6803



48.4817, -39.2657, -0.3974

Triad

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



48.4817, -36.2614, 17.6806



48.4817, 0.5434, -60.8119



48.4817, 39.7465, 20.7571

Complementary

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



48.4807, -36.2609, 17.6803



26.7265, 47.1534, 6.5307

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.



48.4817, 49.8370, 5.4908



48.4807, -36.2609, 17.6803



48.4817, 24.6904, -46.7363

Square

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



48.4817, -36.2614, 17.6806



48.4817, -20.4718, -52.3966



48.4817, 43.8718, -19.6286



48.4817, 18.3313, 27.2592

Rectangle

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



48.4807, -36.2609, 17.6803



48.4817, -36.7121, -17.7755



48.4817, 43.8718, -19.6286



48.4817, 44.7395, 16.8192

Sweetspot

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



48.4817, -36.2614, 17.6806



70.2590, -24.5803, 9.0968



48.9411, -35.8286, 29.5297



32.7642, -12.5822, 4.6145



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.



48.4817, -36.2614, 17.6806



64.8496, -48.7059, 24.0856



46.7824, -22.5641, -9.7638



26.4250, -3.8549, 1.9554



44.0819, -32.9182, 15.9624



5.4567, -3.6158, 0.9850

Inverse Universe

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



26.7265, 47.1534, 6.5307



35.7157, 62.9217, 9.4554



26.4465, 43.1371, 17.0509



25.0268, 1.2127, 0.8978



24.3096, 42.9157, 5.7483



3.0881, 5.6670, -0.9384

Previews

White Background



This preview shows how the HunterLab color 48.4807, -36.2609, 17.6803 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 48.4807, -36.2609, 17.6803 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 48.4807, -36.2609, 17.6803 Background



This preview shows how black text looks on a background with the HunterLab color 48.4807, -36.2609, 17.6803.



This preview shows how white text looks on a background with the HunterLab color 48.4807, -36.2609, 17.6803.

-36.2609, 17.6803.

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

48.4807, -36.2609, 17.6803

Protanopia

48.0795, -4.6392, 19.9454

Deuteranopia

48.1384, 3.1180, 16.3828



Tritanopia

48.5035, -19.2195, -9.4409

Trichromacy



Original Color

48.4807, -36.2609, 17.6803

Protanomaly

46.5527, -22.4490, 17.6102

Deuteranomaly

45.9434, -18.0997, 14.6289

Tritanomaly

48.1880, -26.9787, 2.3617

Monochromacy



Original Color

48.4807, -36.2609, 17.6803

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

38.8949, -18.3986, 6.7757

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.4807, -36.2609, 17.6803 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, 89)` looks like.

```
.text, #text, p{  
    color:rgb(0, 153, 89)  
}
```

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, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 153, 89) }
```

Border

The CSS property to change the border of an element to HunterLab 48.4807, -36.2609, 17.6803 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, 89) }
```


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

```
.border{ border-color:rgb(0, 153, 89) }
```

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, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 153, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 153, 89);  
box-shadow:4px 4px 4px 4px rgb(0, 153, 89)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 48.4807, -36.2609, 17.6803 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, 89) }
```

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

```
.background{ background-color: rgb(0, 153,  
89) }
```

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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