

Converting Colors

HunterLab(47.9573, -36.7030,
19.2887)

Have a look what the booklet for
HunterLab(47.9573, -36.7030,
19.2887) contains.

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Color

**HunterLab(48.0110,
-36.7520, 19.3274)**

Conversions

Conversions Part 1

Format	Color
Hex	009851
RGB	0, 152, 81
RGB Percent	0%, 60%, 32%
CMY	1.0000, 0.4039, 0.6823
CMYK	1.00, 0.00, 0.47, 0.40
HSL	152°, 100%, 30%
HSV	152°, 100%, 60%
XYZ	12.7134, 23.0506, 11.5637
YIQ	98.4580, -67.8010, -54.3050

Conversions

Conversions Part 2

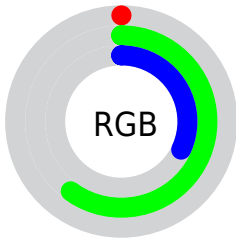
Format	Color
RYB	0, 99, 152
Decimal	38993
CIELab	55.13, -50.86, 27.92
CIELCh	55, 58.020, 151.240
Yxy	23.0515, 0.2686, 0.4870
Android (android.graphics.Color)	4278229073 (0xFF009851)
YUV	98.4580, -8.6068, -86.3477
Hunter-Lab	48.0110, -36.7520, 19.3274

Details

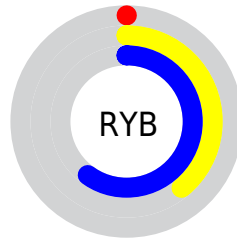
The HunterLab color **48.0110, -36.7520, 19.3274** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **26.7036, 47.4334, 4.0468**, and the grayscale version is **35.1707, -1.8766, 1.9109**.

A 20% lighter version of the original color is **69.4570, -43.8162, 23.7024**, and **30.0652, -24.4095, 15.1143** is the 20% darker color. If you saturate the color by 10%, you get **48.0119, -36.7529, 19.3283**, and if you desaturate by 10%, it is **48.2358, -35.5846, 17.7241**.

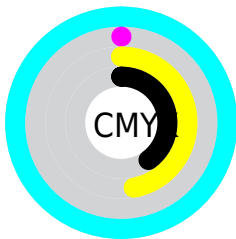
Distribution



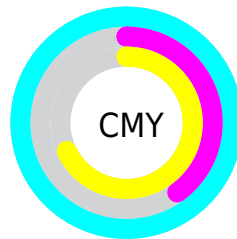
- Red (0%)
- Green (60%)
- Blue (32%)



- Red (0%)
- Yellow (39%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (47%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.0110, -36.7520, 19.3274 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 48.0110, -36.7520, 19.3274 by changing the saturation by 10% instead.

■ 48.0110, -36.7520,
19.3274

■ 48.0110, -36.7520,
19.3274

163.7038,
-65.4047, 37.6757

■ 38.2512, -32.8387,
16.9661

■ 69.6260, -43.9227,
23.7441

■ 29.2595, -28.6125,
14.4553

■ 81.3960, -47.2681,
25.8447

■ 21.1095, -23.9563,
11.7394

■ 93.7632, -50.4934,
27.8941

■ 13.8990, -19.8298,
9.7293

■ 106.7003,
-53.6192, 29.9029

■ 7.5326, -13.1821,
5.2728

■ 120.1830,
-56.6617, 31.8796

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 134.1901,

-59.6336, 33.8307

0.0000, NaN, NaN

148.7027,
-62.5451, 35.7613

0.0000, NaN, NaN

■ 48.0110, -36.7520,
19.3274

■ 48.0110, -36.7520,
19.3274

■ 48.0119, -36.7529,
19.3283

■ 48.2358, -35.5846,
17.7241

■ 48.5484, -34.0337,
16.0385

■ 48.9841, -31.9687,
14.3135

■ 49.5542, -29.3620,
12.5740

■ 50.2661, -26.2068,
10.8441

■ 51.1246, -22.5136,
9.1463

■ 52.1318, -18.3067,
7.5011

■ 53.2876, -13.6211,
5.9263

■ 54.5902, -8.4992,
4.4368

Harmonies

Analogous

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



48.0120, -24.2722, 27.0638



48.0110, -36.7520, 19.3274



48.0120, -40.6043, 1.6515

Triad

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



48.0120, -36.7525, 19.3277



48.0120, -1.5594, -65.4553



48.0120, 43.7204, 20.2890

Complementary

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



48.0110, -36.7520, 19.3274



26.7036, 47.4334, 4.0468

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.



48.0120, 52.9720, 3.5558



48.0110, -36.7520, 19.3274



48.0120, 23.8518, -52.2692

Square

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



48.0120, -36.7525, 19.3277



48.0120, -22.8512, -54.1611



48.0120, 45.0762, -23.7379



48.0120, 21.7747, 27.3956

Rectangle

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



48.0110, -36.7520, 19.3274



48.0120, -38.5135, -16.2124



48.0120, 45.0762, -23.7379



48.0120, 48.5921, 15.9756

Sweetspot

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



48.0120, -36.7525, 19.3277



69.1754, -24.6675, 10.0915



48.8797, -34.3696, 29.5176



32.7227, -12.8238, 5.2114



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.



48.0120, -36.7525, 19.3277



63.7576, -49.0036, 26.0934



48.8987, -25.3789, -6.3330



26.4156, -3.9073, 2.0896



43.9701, -33.6091, 17.5936



5.4441, -3.6920, 1.1652

Inverse Universe

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



26.7036, 47.4334, 4.0468



35.4268, 62.8366, 6.0919



25.9438, 43.8835, 16.7543



25.0366, 1.2652, 0.7587



24.4639, 43.4797, 3.5255



3.1101, 5.7459, -1.2433

Previews

White Background



This preview shows how the HunterLab color 48.0110, -36.7520, 19.3274 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 48.0110, -36.7520, 19.3274 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 48.0110, -36.7520, 19.3274 Background



This preview shows how black text looks on a background with the HunterLab color 48.0110, -36.7520, 19.3274.



This preview shows how white text looks on a background with the HunterLab color 48.0110, -36.7520, 19.3274.

-36.7520, 19.3274.

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

48.0110, -36.7520, 19.3274

Protanopia

47.5846, -5.1709, 21.3770

Deuteranopia

47.7262, 2.8218, 18.2565



Tritanopia

48.1487, -19.0975, -8.8513

Trichromacy



Original Color

48.0110, -36.7520, 19.3274



Protanomaly

46.1111, -22.8188, 19.2223



Deuteranomaly

45.4897, -18.5533, 16.5041



Tritanomaly

47.7504, -27.2753, 3.5887

Monochromacy



Original Color

48.0110, -36.7520, 19.3274



Achromatopsia

34.9484, -1.8648, 1.8988



Achromatomaly

38.4106, -18.9028, 7.7083

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.0110, -36.7520, 19.3274 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, 152, 81)` looks like.

```
.text, #text, p{  
    color:rgb(0, 152, 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, 152, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 152, 81) }
```

Border

The CSS property to change the border of an element to HunterLab 48.0110, -36.7520, 19.3274 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, 152, 81) }
```


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

```
.border{ border-color:rgb(0, 152, 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, 152, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 152, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 152, 81);  
box-shadow:4px 4px 4px 4px rgb(0, 152, 81)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 48.0110, -36.7520, 19.3274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 152, 81) }
```

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

```
.background{ background-color: rgb(0, 152,  
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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