

Converting Colors

HunterLab(63.9937, -10.2786,
23.2014)

Have a look what the booklet for
HunterLab(63.9937, -10.2786,
23.2014) contains.

HunterLab(63.9016, -10.2324, 23.0035)	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(63.9016,
-10.2324, 23.0035)**

Conversions

Conversions Part 1

Format	Color
Hex	B0AE77
RGB	176, 174, 119
RGB Percent	69%, 68%, 47%
CMY	0.3098, 0.3176, 0.5333
CMYK	0.00, 0.01, 0.32, 0.31
HSL	58°, 27%, 58%
HSV	58°, 32%, 69%
XYZ	36.3704, 40.8341, 23.4176
YIQ	168.3280, 18.8470, -16.6810

Conversions

Conversions Part 2

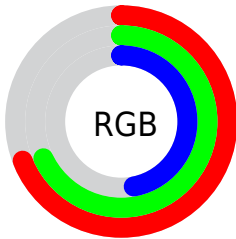
Format	Color
RYB	121, 176, 119
Decimal	11578999
CIELab	70.06, -7.95, 28.55
CIELCh	70, 29.637, 105.557
Yxy	40.8360, 0.3615, 0.4058
Android (android.graphics.Color)	4289769079 (0xFFB0AE77)
YUV	168.3280, -24.3187, 6.7283
Hunter-Lab	63.9016, -10.2324, 23.0035

Details

The HunterLab color **63.9016, -10.2324, 23.0035** is a light color, and the websafe version is hex **999966**. A complement of this color would be **45.5310, 7.6733, -25.2963**, and the grayscale version is **62.8040, -3.3511, 3.4123**.

A 20% lighter version of the original color is **87.2771, -12.1383, 27.0532**, and **43.0955, -8.1789, 18.4403** is the 20% darker color. If you saturate the color by 10%, you get **63.4145, -11.6365, 27.2641**, and if you desaturate by 10%, it is **64.4495, -8.5174, 17.9297**.

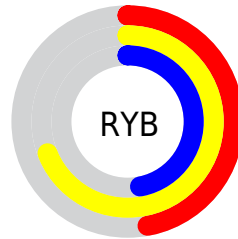
Distribution



Red (69%)

Green (68%)

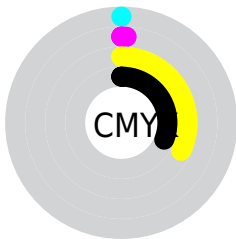
Blue (47%)



Red (47%)

Yellow (69%)

Blue (47%)

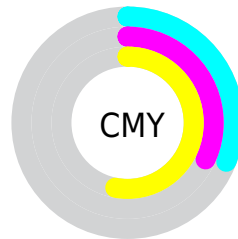


Cyan (0%)

Magenta (1%)

Yellow (32%)

Black (31%)



Cyan (31%)

Magenta (32%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.9016, -10.2324, 23.0035 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 63.9016, -10.2324, 23.0035 by changing the saturation by 10% instead.

■ 63.9016, -10.2324,
23.0035

■ 63.9016, -10.2324,
23.0035

186.9852,
-19.8515, 41.1364

■ 53.0952, -9.2304,
20.7575

■ 87.4270, -12.2729,
27.2829

■ 42.9763, -8.2327,
18.4105

■ 100.0787,
-13.3110, 29.3445

■ 33.5972, -7.2365,
15.9307

■ 113.2879,
-14.3631, 31.3682

■ 25.0214, -6.2338,
13.2711

127.0319,
-15.4299, 33.3615

■ 17.3327, -5.2104,
10.6894

141.2908,
-16.5119, 35.3306

■ 10.6487, -4.1390,
7.4541

156.0465,

■ 0.8208, -1.4365,

-17.6094, 37.2802

0.5746

171.2829,
-18.7226, 39.2144

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.9016, -10.2324,
23.0035

■ 63.9016, -10.2324,
23.0035

■ 63.4145, -11.6365,
27.2641

■ 64.4495, -8.5174,
17.9297

■ 62.9817, -12.7317,
30.7286

■ 65.0556, -6.4813,
12.0307

■ 62.6022, -13.5318,
33.4272

■ 65.7223, -4.1250,
5.3057

■ 62.2726, -14.0533,
35.4013

■ 66.4506, -1.4503,
-2.2393

■ 61.9887, -14.3177,

■ 67.2409, 1.5384,

36.7065

-10.5919

■ 61.7455, -14.3542,
37.4172

■ 68.0933, 4.8345,
-19.7338

■ 61.5784, -14.2806,
37.6943

■ 69.0077, 8.4295,
-29.6418

■ 69.7596, 11.1350,
-37.2284

■ 69.9367, 10.8034,
-36.9214

Harmonies

Analogous

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



63.9030, 3.1982, 23.0853



63.9016, -10.2324, 23.0035



63.9030, -20.9278, 18.4793

Triad

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



63.9030, -10.2344, 23.0042



63.9030, -20.6096, -16.8068



63.9030, 23.7490, -2.9993

Complementary

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



63.9016, -10.2324, 23.0035



45.5310, 7.6733, -25.2963

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.



63.9030, 16.2181, -16.3640



63.9016, -10.2324, 23.0035



63.9030, -9.7661, -25.3892

Square

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



63.9030, -10.2344, 23.0042



63.9030, -26.5698, -3.5130



63.9030, 3.7068, -25.2121



63.9030, 23.5972, 9.7595

Rectangle

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



63.9016, -10.2324, 23.0035



63.9030, -25.3913, 12.8850



63.9030, 3.7068, -25.2121



63.9030, 22.0064, -7.6190

Sweetspot

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



63.9030, -10.2344, 23.0042



87.8033, -8.0642, 14.2957



48.8115, 16.9928, 8.0685



40.8194, -3.9470, 7.2081



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



63.9030, -10.2344, 23.0042



85.5721, -15.2021, 35.2737



62.3699, -19.0026, 21.5080



31.3920, -2.7881, 4.8415



52.7640, -12.2585, 32.2983



9.4428, -2.2977, 5.7784

Inverse Universe

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



45.5310, 7.6733, -25.2963



55.6271, 14.5425, -44.8689



47.2406, 15.7565, -22.1658



28.7685, -0.3037, -1.8703



15.5441, 39.4927, -104.6821



3.0290, 5.9317, -16.5909

Previews

White Background



This preview shows how the HunterLab color 63.9016, -10.2324, 23.0035 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 63.9016, -10.2324, 23.0035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

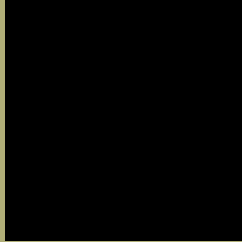
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 63.9016, -10.2324, 23.0035 Background



This preview shows how black text looks on a background with the HunterLab color 63.9016, -10.2324, 23.0035.



This preview shows how white text looks on a background with the HunterLab color 63.9016,

-10.2324, 23.0035.

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

63.9016, -10.2324, 23.0035

Protanopia

63.8342, -5.8964, 23.3117

Deuteranopia

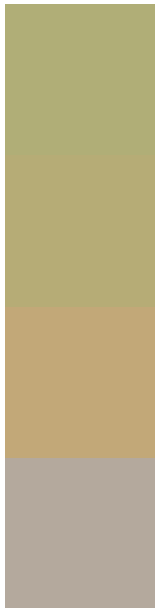
63.8504, 4.6382, 22.6284



Tritanopia

63.7137, 4.2106, -0.3529

Trichromacy



Original Color

63.9016, -10.2324, 23.0035

Protanomaly

63.8421, -7.3954, 23.2923

Deuteranomaly

63.8989, -1.0870, 22.8675

Tritanomaly

63.6503, -1.7472, 9.4773

Monochromacy



Original Color

63.9016, -10.2324, 23.0035

Achromatopsia

62.5758, -3.3389, 3.3999

Achromatomaly

62.9360, -6.1217, 11.4911

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.9016, -10.2324, 23.0035 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(176, 174, 119)` looks like.

```
.text, #text, p{  
    color:rgb(176, 174, 119)  
}
```

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(176, 174, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 174, 119) }
```

Border

The CSS property to change the border of an element to HunterLab 63.9016, -10.2324, 23.0035 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(176, 174, 119) }
```


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

```
.border{ border-color:rgb(176, 174, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 174, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 174, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 174, 119);  
box-shadow:4px 4px 4px 4px rgb(176, 174,  
119) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.9016, -10.2324, 23.0035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 174, 119) }
```

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

```
.background{ background-color: rgb(176,  
174, 119) }
```

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