

Converting Colors

HunterLab(62.1378, -37.4060,
3.0820)

Have a look what the booklet for
HunterLab(62.1378, -37.4060,
3.0820) contains.

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Color

**HunterLab(62.2251,
-37.5624, 3.3105)**

Conversions

Conversions Part 1

Format	Color
Hex	00BCA6
RGB	0, 188, 166
RGB Percent	0%, 74%, 65%
CMY	0.9999, 0.2627, 0.3490
CMYK	1.00, 0.00, 0.12, 0.26
HSL	173°, 100%, 37%
HSV	173°, 100%, 74%
XYZ	24.8662, 38.7196, 42.2395
YIQ	129.2800, -104.9860, -46.6980

Conversions

Conversions Part 2

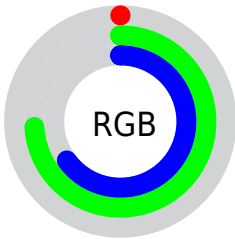
Format	Color
RYB	0, 100, 188
Decimal	48294
CIELab	68.55, -44.64, -0.09
CIELCh	69, 44.643, 180.118
Yxy	38.7211, 0.2350, 0.3659
Android (android.graphics.Color)	4278238374 (0xFF00BCA6)
YUV	129.2800, 18.1030, -113.3786
Hunter-Lab	62.2251, -37.5624, 3.3105

Details

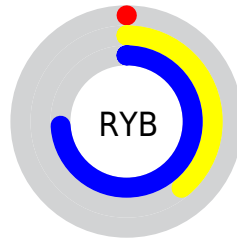
The HunterLab color **62.2251, -37.5624, 3.3105** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **32.7878, 56.3222, 19.8143**, and the grayscale version is **46.9286, -2.5040, 2.5497**.

A 20% lighter version of the original color is **85.5441, -43.5982, 4.5365**, and **42.7377, -26.4991, 3.7856** is the 20% darker color. If you saturate the color by 10%, you get **62.2260, -37.5639, 3.3125**, and if you desaturate by 10%, it is **62.4012, -36.7285, 2.5158**.

Distribution



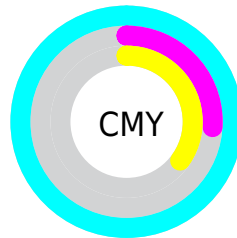
- Red (0%)
- Green (74%)
- Blue (65%)



- Red (0%)
- Yellow (39%)
- Blue (74%)



- Cyan (100%)
- Magenta (0%)
- Yellow (12%)
- Black (26%)



- Cyan (100%)
- Magenta (26%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.2251, -37.5624, 3.3105 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 62.2251, -37.5624, 3.3105 by changing the saturation by 10% instead.

62.2251, -37.5624,
3.3105

62.2251, -37.5624,
3.3105

184.5815,
-62.3620, 9.9382

51.5197, -34.3558,
2.7331

85.5641, -43.5803,
4.5731

41.5092, -30.9683,
2.1931

98.1293, -46.4404,
5.2531

32.2471, -27.3432,
1.6943

111.2557,
-49.2243, 5.9638

23.7994, -23.3935,
1.2403

124.9202,
-51.9445, 6.7040

16.2541, -18.9771,
0.8362

139.1024,
-54.6109, 7.4725

9.7355, -17.0371,
0.4890

153.7841,

0.0000, NaN, NaN

-57.2318, 8.2683

0.0000, NaN, NaN

168.9487,
-59.8136, 9.0904

0.0000, NaN, NaN

■ 62.2251, -37.5624,
3.3105

■ 62.2251, -37.5624,
3.3105

■ 62.2260, -37.5639,
3.3125

■ 62.4012, -36.7285,
2.5158

■ 62.6820, -35.4724,
1.8420

■ 63.1052, -33.6562,
1.3400

■ 63.6870, -31.2309,
1.0337

■ 64.4387, -28.1716,
0.9403

■ 65.3683, -24.4744,
1.0706

■ 66.4804, -20.1527,
1.4297

■ 67.7768, -15.2347,
2.0173

■ 69.2570, -9.7595,
2.8286

Harmonies

Analogous

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



62.2263, -33.5168, 19.1121



62.2251, -37.5624, 3.3105



62.2263, -33.4530, -18.1238

Triad

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



62.2263, -37.5626, 3.3112



62.2263, 17.3655, -37.7412



62.2263, 17.2099, 27.6425

Complementary

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



62.2251, -37.5624, 3.3105



32.7878, 56.3222, 19.8143

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.



62.2263, 33.9180, 19.2064



62.2251, -37.5624, 3.3105



62.2263, 34.0156, -17.9490

Square

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



62.2263, -37.5626, 3.3112



62.2263, -3.2438, -45.9766



62.2263, 40.4209, 3.4630



62.2263, -3.4033, 30.1454

Rectangle

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



62.2251, -37.5624, 3.3105



62.2263, -26.2982, -32.1112



62.2263, 40.4209, 3.4630



62.2263, 23.5593, 25.5742

Sweetspot

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



62.2263, -37.5626, 3.3112



89.4149, -27.4444, 1.8928



60.1462, -50.6868, 36.1736



41.1601, -13.9032, 0.7688



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



62.2263, -37.5626, 3.3112



83.7552, -50.6551, 4.6631



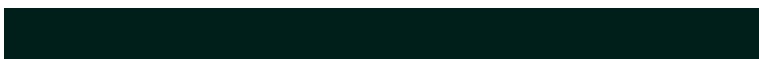
41.0411, -3.6072, -43.5083



32.8478, -4.4508, 1.3673



51.3511, -30.9530, 2.6341



10.1903, -5.9630, 0.1353

Inverse Universe

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



32.7878, 56.3222, 19.8143



44.1175, 75.7497, 26.9790



38.6552, 37.9388, 24.4821



30.9096, 1.1992, 2.1717



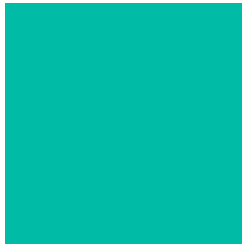
27.0640, 46.5154, 16.1894



5.4128, 9.4146, 2.3736

Previews

White Background



This preview shows how the HunterLab color 62.2251, -37.5624, 3.3105 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 62.2251, -37.5624, 3.3105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

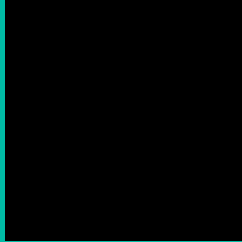
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

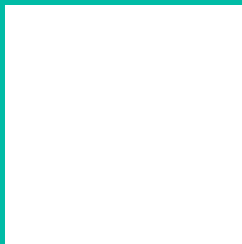
Any Text WCAG AAA ✓ Pass

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

HunterLab 62.2251, -37.5624, 3.3105 Background



This preview shows how black text looks on a background with the HunterLab color 62.2251, -37.5624, 3.3105.



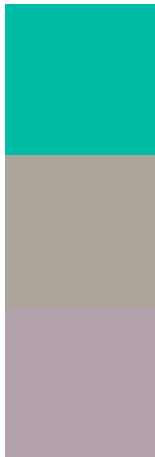
This preview shows how white text looks on a background with the HunterLab color 62.2251, -37.5624, 3.3105.

-37.5624, 3.3105.

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

62.2251, -37.5624, 3.3105

Protanopia

61.6555, -2.8011, 8.5439

Deuteranopia

61.6863, 4.2704, 0.5720



Tritanopia

62.1468, -27.0652, -13.1494

Trichromacy



Original Color

62.2251, -37.5624, 3.3105



Protanomaly

59.6716, -22.3964, 4.2364



Deuteranomaly

59.6704, -18.3953, -1.3412



Tritanomaly

62.0888, -31.5859, -6.6545

Monochromacy



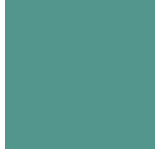
Original Color

62.2251, -37.5624, 3.3105



Achromatopsia

46.8536, -2.5000, 2.5456



Achromatomaly

50.5564, -20.4423, 0.7827

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.2251, -37.5624, 3.3105 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, 188, 166)` looks like.

```
.text, #text, p{  
    color:rgb(0, 188, 166)  
}
```

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, 188, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 188, 166) }
```

Border

The CSS property to change the border of an element to HunterLab 62.2251, -37.5624, 3.3105 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, 188, 166) }
```


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

```
.border{ border-color:rgb(0, 188, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 188, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 188, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 188, 166);  
box-shadow:4px 4px 4px 4px rgb(0, 188,  
166) }
```

Background

The CSS property to change the background color of an element to HunterLab 62.2251, -37.5624, 3.3105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 188, 166) }
```

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

```
.background{ background-color: rgb(0, 188,  
166) }
```

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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