

Converting Colors

HunterLab(61.4540, -37.6807,
4.5297)

Have a look what the booklet for
HunterLab(61.4540, -37.6807,
4.5297) contains.

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Color

**HunterLab(61.3930,
-37.6813, 4.6072)**

Conversions

Conversions Part 1

Format	Color
Hex	00BAA1
RGB	0, 186, 161
RGB Percent	0%, 73%, 63%
CMY	0.9999, 0.2706, 0.3686
CMYK	1.00, 0.00, 0.13, 0.27
HSL	172°, 100%, 36%
HSV	172°, 100%, 73%
XYZ	23.9919, 37.6910, 39.7288
YIQ	127.5360, -102.8310, -47.2070

Conversions

Conversions Part 2

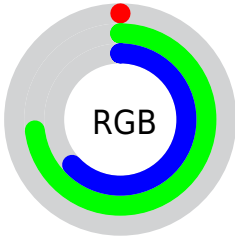
Format	Color
RYB	0, 100, 186
Decimal	47777
CIELab	67.79, -45.18, 1.55
CIELCh	68, 45.206, 178.029
Yxy	37.6924, 0.2366, 0.3717
Android (android.graphics.Color)	4278237857 (0xFF00BAA1)
YUV	127.5360, 16.4978, -111.8491
Hunter-Lab	61.3930, -37.6813, 4.6072

Details

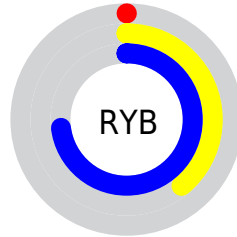
The HunterLab color **61.3930, -37.6813, 4.6072** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **32.4197, 55.7319, 19.2676**, and the grayscale version is **46.2489, -2.4677, 2.5128**.

A 20% lighter version of the original color is **84.6497, -43.7942, 5.8910**, and **41.9861, -26.4307, 4.5773** is the 20% darker color. If you saturate the color by 10%, you get **61.3939, -37.6828, 4.6092**, and if you desaturate by 10%, it is **61.5761, -36.8035, 3.7072**.

Distribution



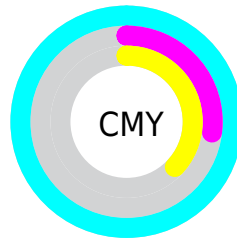
- Red (0%)
- Green (73%)
- Blue (63%)



- Red (0%)
- Yellow (39%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (13%)
- Black (27%)



- Cyan (100%)
- Magenta (27%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.3930, -37.6813, 4.6072 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 61.3930, -37.6813, 4.6072 by changing the saturation by 10% instead.

61.3930, -37.6813,
4.6072

61.3930, -37.6813,
4.6072

183.3845,
-62.7611, 11.8156

50.7386, -34.4280,
3.9482

84.6383, -43.7788,
6.0191

40.7827, -30.9871,
3.3208

97.1602, -46.6735,
6.7683

31.5795, -27.2993,
2.7273

110.2450,
-49.4894, 7.5451

23.1966, -23.2733,
2.1689

123.8696,
-52.2396, 8.3488

15.7239, -18.7829,
1.6471

138.0134,
-54.9342, 9.1784

9.2885, -16.2549,
1.1995

152.6579,

0.0000, NaN, NaN

-57.5816, 10.0332

0.0000, NaN, NaN

167.7866,
-60.1887, 10.9125

0.0000, NaN, NaN

■ 61.3930, -37.6813,
4.6072

■ 61.3930, -37.6813,
4.6072

■ 61.3939, -37.6828,
4.6092

■ 61.5761, -36.8035,
3.7072

■ 61.8626, -35.5069,
2.9206

■ 62.2903, -33.6547,
2.2980

■ 62.8747, -31.1990,
1.8638

■ 63.6273, -28.1163,
1.6358

■ 64.5556, -24.4036,
1.6255

■ 65.6640, -20.0750,
1.8390

■ 66.9544, -15.1590,
2.2772

■ 68.4262, -9.6951,
2.9363

Harmonies

Analogous

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



61.3942, -33.0596, 19.9582



61.3930, -37.6813, 4.6072



61.3942, -34.1292, -16.8383

Triad

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



61.3942, -37.6816, 4.6079



61.3942, 16.2020, -39.4060



61.3942, 18.8327, 27.2671

Complementary

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



61.3930, -37.6813, 4.6072



32.4197, 55.7319, 19.2676

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.



61.3942, 35.1995, 18.3805



61.3930, -37.6813, 4.6072



61.3942, 33.5469, -19.8023

Square

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



61.3942, -37.6816, 4.6079



61.3942, -4.6187, -46.6817



61.3942, 40.9023, 2.0483



61.3942, -1.9280, 30.1093

Rectangle

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



61.3930, -37.6813, 4.6072



61.3942, -27.3068, -31.2539



61.3942, 40.9023, 2.0483



61.3942, 25.1272, 25.0672

Sweetspot

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



61.3942, -37.6816, 4.6079



88.3207, -27.3442, 2.4538



59.4684, -49.9315, 35.7692



41.1382, -14.0292, 1.0800



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.



61.3942, -37.6816, 4.6079



82.6381, -50.8285, 6.4337



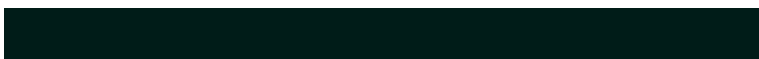
41.4713, -5.0414, -40.9503



31.9207, -4.3404, 1.3914



50.3640, -30.8596, 3.6664



9.4868, -5.6093, 0.2512

Inverse Universe

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



32.4197, 55.7319, 19.2676



43.6221, 74.9504, 26.2792



37.7276, 38.7634, 23.9250



30.0522, 1.1772, 2.0500



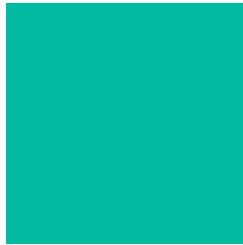
26.6025, 45.7598, 15.6218



5.0581, 8.8256, 2.0020

Previews

White Background



This preview shows how the HunterLab color 61.3930, -37.6813, 4.6072 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 61.3930, -37.6813, 4.6072 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

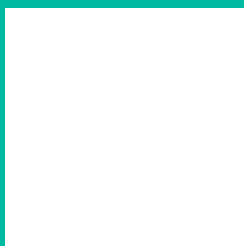
Any Text WCAG AAA ✓ Pass

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

HunterLab 61.3930, -37.6813, 4.6072 Background



This preview shows how black text looks on a background with the HunterLab color 61.3930, -37.6813, 4.6072.



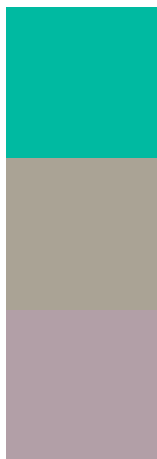
This preview shows how white text looks on a background with the HunterLab color 61.3930,

-37.6813, 4.6072.

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

61.3930, -37.6813, 4.6072

Protanopia

60.7539, -3.1939, 9.6317

Deuteranopia

60.8698, 4.1304, 1.9696



Tritanopia

61.4305, -26.5705, -13.0168

Trichromacy



Original Color

61.3930, -37.6813, 4.6072



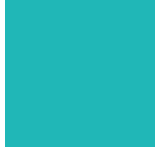
Protanomaly

58.8336, -22.5672, 5.4871



Deuteranomaly

58.8245, -18.6170, 0.0425



Tritanomaly

61.3131, -31.3820, -6.0901

Monochromacy



Original Color

61.3930, -37.6813, 4.6072



Achromatopsia

46.4608, -2.4790, 2.5243



Achromatomaly

50.1375, -20.5437, 1.1947

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.3930, -37.6813, 4.6072 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, 186, 161)` looks like.

```
.text, #text, p{  
    color:rgb(0, 186, 161)  
}
```

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, 186, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 186, 161) }
```

Border

The CSS property to change the border of an element to HunterLab 61.3930, -37.6813, 4.6072 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, 186, 161) }
```


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

```
.border{ border-color:rgb(0, 186, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 186, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 186, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 186, 161);  
box-shadow:4px 4px 4px 4px rgb(0, 186,  
161) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.3930, -37.6813, 4.6072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 186, 161) }
```

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

```
.background{ background-color: rgb(0, 186,  
161) }
```

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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