

Converting Colors

HunterLab(63.6214, -37.1264,
0.6240)

Have a look what the booklet for
HunterLab(63.6214, -37.1264,
0.6240) contains.

HunterLab(63.5270, -37.0807, 0.6434)	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(63.5270,
-37.0807, 0.6434)**

Conversions

Conversions Part 1

Format	Color
Hex	00BFAF
RGB	0, 191, 175
RGB Percent	0%, 75%, 69%
CMY	0.9999, 0.2510, 0.3137
CMYK	1.00, 0.00, 0.08, 0.25
HSL	175°, 100%, 37%
HSV	175°, 100%, 75%
XYZ	26.3687, 40.3568, 46.9574
YIQ	132.0670, -108.7000, -45.4680

Conversions

Conversions Part 2

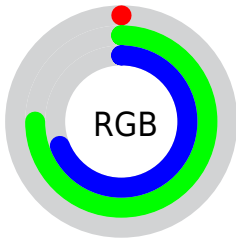
Format	Color
RYB	0, 100, 191
Decimal	49071
CIELab	69.72, -43.39, -3.31
CIELCh	70, 43.519, 184.356
Yxy	40.3583, 0.2320, 0.3550
Android (android.graphics.Color)	4278239151 (0xFF00BFAF)
YUV	132.0670, 21.1660, -115.8228
Hunter-Lab	63.5270, -37.0807, 0.6434

Details

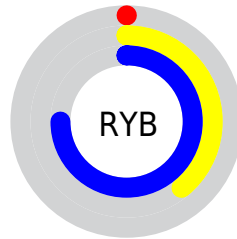
The HunterLab color **63.5270, -37.0807, 0.6434** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **33.3392, 57.2013, 20.6706**, and the grayscale version is **48.0164, -2.5620, 2.6088**.

A 20% lighter version of the original color is **86.9567, -42.9329, 1.7866**, and **43.9561, -26.0778, 1.3531** is the 20% darker color. If you saturate the color by 10%, you get **63.5279, -37.0821, 0.6452**, and if you desaturate by 10%, it is **63.6877, -36.3433, 0.0783**.

Distribution



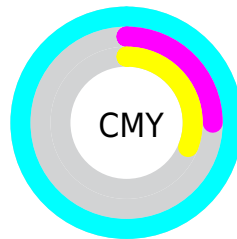
- Red (0%)
- Green (75%)
- Blue (69%)



- Red (0%)
- Yellow (39%)
- Blue (75%)



- Cyan (100%)
- Magenta (0%)
- Yellow (8%)
- Black (25%)



- Cyan (100%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.5270, -37.0807, 0.6434 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 63.5270, -37.0807, 0.6434 by changing the saturation by 10% instead.

63.5270, -37.0807,
0.6434

63.5270, -37.0807,
0.6434

186.4488,
-61.2702, 6.1659

52.7428, -33.9717,
0.2185

87.0108, -42.9295,
1.6244

42.6480, -30.6942,
-0.1591

99.6433, -45.7148,
2.1733

33.2948, -27.1958,
-0.4836

112.8341,
-48.4289, 2.7582

24.7474, -23.3966,
-0.7481

126.5604,
-51.0835, 3.3773

17.0904, -19.1669,
-0.9432

140.8022,
-53.6880, 4.0290

10.4429, -18.2750,
-1.0542

155.5415,

0.0000, NaN, -NF

-56.2499, 4.7118

0.0000, NaN, NaN

170.7619,
-58.7756, 5.4244

0.0000, NaN, NaN

■ 63.5270, -37.0807,
0.6434

■ 63.5270, -37.0807,
0.6434

■ 63.5279, -37.0821,
0.6452

■ 63.6877, -36.3433,
0.0783

■ 63.9546, -35.1790,
-0.3536

■ 64.3660, -33.4489,
-0.6013

■ 64.9385, -31.1012,
-0.6416

■ 65.6838, -28.1091,
-0.4587

■ 66.6102, -24.4667,
-0.0435

■ 67.7225, -20.1861,
0.6070

■ 69.0229, -15.2944,
1.4904

■ 70.5110, -9.8303,
2.5997

Harmonies

Analogous

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



63.5282, -34.2085, 17.2231



63.5270, -37.0807, 0.6434



63.5282, -31.8742, -20.5716

Triad

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



63.5282, -37.0809, 0.6442



63.5282, 19.5586, -34.3076



63.5282, 13.9423, 28.2148

Complementary

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



63.5270, -37.0807, 0.6434



33.3392, 57.2013, 20.6706

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.



63.5282, 31.2016, 20.6933



63.5270, -37.0807, 0.6434



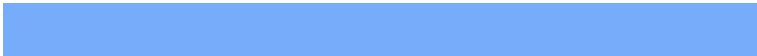
63.5282, 34.7128, -14.3026

Square

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



63.5282, -37.0809, 0.6442



63.5282, -0.4744, -44.3074



63.5282, 39.2135, 6.1488



63.5282, -6.2601, 30.0129

Rectangle

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



63.5270, -37.0807, 0.6434



63.5282, -24.0971, -33.5885



63.5282, 39.2135, 6.1488



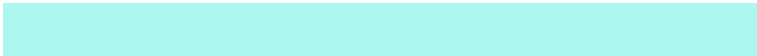
63.5282, 20.3572, 26.4155

Sweetspot

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



63.5282, -37.0809, 0.6442



90.5513, -27.3159, 0.7621



61.1578, -51.8550, 36.7764



42.1231, -13.9862, 0.1680



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



63.5282, -37.0809, 0.6442



85.0065, -49.6885, 1.0124



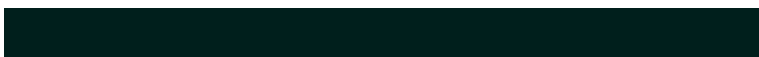
39.9197, -0.5888, -48.6220



32.8563, -4.4035, 1.2460



51.5050, -30.0270, 0.4429



10.2138, -5.8219, -0.1986

Inverse Universe

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



33.3392, 57.2013, 20.6706



44.5993, 76.4968, 27.8956



40.3781, 35.8789, 25.5075



30.9015, 1.1552, 2.2884



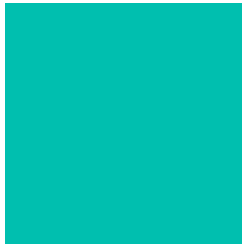
27.0351, 46.4082, 16.6178



5.3921, 9.3384, 2.6765

Previews

White Background



This preview shows how the HunterLab color 63.5270, -37.0807, 0.6434 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 63.5270, -37.0807, 0.6434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

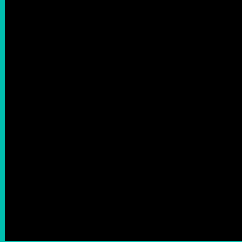
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

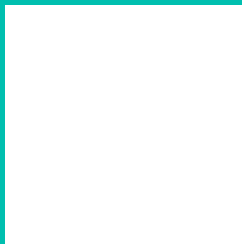
Any Text WCAG AAA ✓ Pass

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

HunterLab 63.5270, -37.0807, 0.6434 Background



This preview shows how black text looks on a background with the HunterLab color 63.5270, -37.0807, 0.6434.



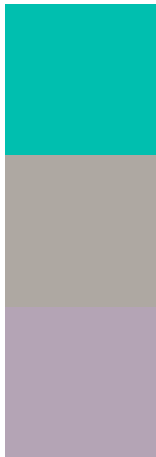
This preview shows how white text looks on a background with the HunterLab color 63.5270, -37.0807, 0.6434.

-37.0807, 0.6434.

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

63.5270, -37.0807, 0.6434

Protanopia

62.9385, -2.4279, 6.5390

Deuteranopia

62.9209, 4.6077, -2.3411



Tritanopia

63.5683, -28.1183, -13.4383

Trichromacy



Original Color

63.5270, -37.0807, 0.6434



Protanomaly

61.0084, -21.7520, 1.6828



Deuteranomaly

60.9685, -17.8586, -4.2178



Tritanomaly

63.2837, -31.6754, -8.2815

Monochromacy



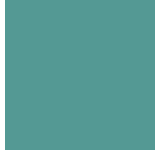
Original Color

63.5270, -37.0807, 0.6434



Achromatopsia

48.0354, -2.5630, 2.6099



Achromatomaly

51.7739, -20.2969, -0.5367

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.5270, -37.0807, 0.6434 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, 191, 175)` looks like.

```
.text, #text, p{  
    color:rgb(0, 191, 175)  
}
```

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, 191, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 191, 175) }
```

Border

The CSS property to change the border of an element to HunterLab 63.5270, -37.0807, 0.6434 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, 191, 175) }
```


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

```
.border{ border-color:rgb(0, 191, 175) }
```

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

Here you see how a box with a 4 pixel rgb(0, 191, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 191, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 191, 175);  
box-shadow:4px 4px 4px 4px rgb(0, 191,  
175) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.5270, -37.0807, 0.6434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 191, 175) }
```

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

```
.background{ background-color: rgb(0, 191,  
175) }
```

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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