

Converting Colors

HunterLab(66.0702, -38.3288,
-1.0342)

Have a look what the booklet for
HunterLab(66.0702, -38.3288,
-1.0342) contains.

HunterLab(66.2502, -37.9343, -0.9178)	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(66.2502,
-37.9343, -0.9178)**

Conversions

Conversions Part 1

Format	Color
Hex	00C6B9
RGB	0, 198, 185
RGB Percent	0%, 78%, 73%
CMY	0.9999, 0.2235, 0.2745
CMYK	1.00, 0.00, 0.07, 0.22
HSL	176°, 100%, 39%
HSV	176°, 100%, 78%
XYZ	28.9510, 43.8909, 52.8448
YIQ	137.3160, -113.8350, -46.0190

Conversions

Conversions Part 2

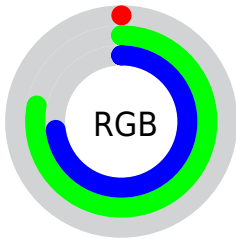
Format	Color
RYB	0, 102, 198
Decimal	50873
CIELab	72.16, -43.56, -5.18
CIELCh	72, 43.870, 186.781
Yxy	43.8925, 0.2303, 0.3492
Android (android.graphics.Color)	4278240953 (0xFF00C6B9)
YUV	137.3160, 23.5082, -120.4261
Hunter-Lab	66.2502, -37.9343, -0.9178

Details

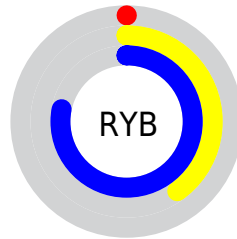
The HunterLab color **66.2502, -37.9343, -0.9178** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **34.6931, 59.4912, 21.7663**, and the grayscale version is **50.0884, -2.6726, 2.7214**.

A 20% lighter version of the original color is **89.8635, -43.5811, -0.2957**, and **46.1637, -26.7020, -0.0586** is the 20% darker color. If you saturate the color by 10%, you get **66.2512, -37.9356, -0.9161**, and if you desaturate by 10%, it is **66.4037, -37.2436, -1.3625**.

Distribution



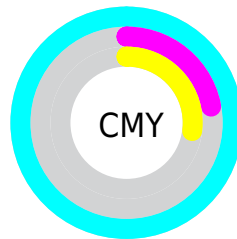
- Red (0%)
- Green (78%)
- Blue (73%)



- Red (0%)
- Yellow (40%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (7%)
- Black (22%)



- Cyan (100%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.2502, -37.9343, -0.9178 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 66.2502, -37.9343, -0.9178 by changing the saturation by 10% instead.

■ 66.2502, -37.9343,
-0.9178

■ 66.2502, -37.9343,
-0.9178

190.3338,
-62.0637, 4.0391

■ 55.3046, -34.8497,
-1.2670

■ 90.0311, -43.7518,
-0.0783

■ 45.0376, -31.6058,
-1.5651

■ 102.8016,
-46.5272, 0.4038

■ 35.4986, -28.1546,
-1.8058

■ 116.1247,
-49.2341, 0.9244

■ 26.7483, -24.4240,
-1.9815

■ 129.9782,
-51.8837, 1.4814

■ 18.8655, -20.2991,
-2.0822

■ 144.3426,
-54.4847, 2.0728

■ 11.9587, -17.7080,
-2.0932

159.2004,

■ 4.8862, -8.5509,

-57.0446, 2.6971

-4.1281

174.5356,
-59.5693, 3.3530

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.2502, -37.9343,
-0.9178

■ 66.2502, -37.9343,
-0.9178

■ 66.2512, -37.9356,
-0.9161

■ 66.4037, -37.2436,
-1.3625

■ 66.6686, -36.1065,
-1.6628

■ 67.0840, -34.3810,
-1.7667

■ 67.6672, -32.0119,
-1.6504

■ 68.4310, -28.9695,

-1.2984

■ 69.3840, -25.2467,
-0.7021

■ 70.5316, -20.8549,
0.1404

■ 71.8759, -15.8216,
1.2256

■ 73.4169, -10.1865,
2.5448

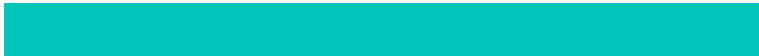
Harmonies

Analogous

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



66.2514, -35.6543, 16.6085



66.2502, -37.9343, -0.9178



66.2514, -31.9252, -22.6207

Triad

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



66.2514, -37.9345, -0.9170



66.2514, 21.4199, -33.4407



66.2514, 12.5192, 29.4110

Complementary

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



66.2502, -37.9343, -0.9178



34.6931, 59.4912, 21.7663

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.



66.2514, 30.6146, 22.1690



66.2502, -37.9343, -0.9178



66.2514, 36.1692, -12.7189

Square

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



66.2514, -37.9345, -0.9170



66.2514, 1.1209, -44.7155



66.2514, 39.7213, 7.8315



66.2514, -8.0727, 30.8480

Rectangle

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



66.2502, -37.9343, -0.9178



66.2514, -23.5461, -35.4585



66.2514, 39.7213, 7.8315



66.2514, 19.1670, 27.7092

Sweetspot

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



66.2514, -37.9345, -0.9170



93.7789, -28.0446, 0.1271



63.6215, -54.2021, 38.2534



43.0717, -14.1733, -0.1786

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.2514, -37.9345, -0.9170



88.1521, -50.5305, -1.1017



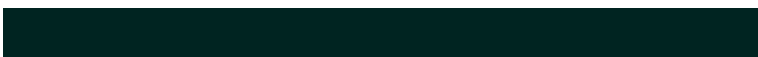
39.6407, 2.7297, -55.4369



34.7204, -4.6435, 1.2425



53.4306, -30.5639, -0.8048



11.6425, -6.5550, -0.4017

Inverse Universe

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



34.6931, 59.4912, 21.7663



46.1516, 79.1220, 29.1555



43.1663, 34.4676, 27.2009



32.6313, 1.2165, 2.4891



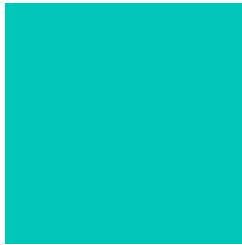
27.9842, 48.0079, 17.4314



6.1223, 10.5686, 3.3056

Previews

White Background



This preview shows how the HunterLab color 66.2502, -37.9343, -0.9178 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 66.2502, -37.9343, -0.9178 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

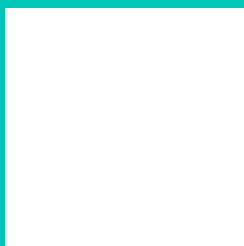
Any Text WCAG AAA ✓ Pass

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

HunterLab 66.2502, -37.9343, -0.9178 Background



This preview shows how black text looks on a background with the HunterLab color 66.2502, -37.9343, -0.9178.



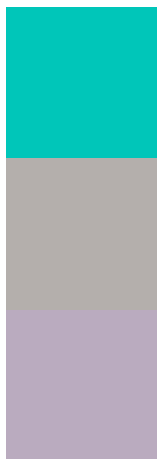
This preview shows how white text looks on a background with the HunterLab color 66.2502,

-37.9343, -0.9178.

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

66.2502, -37.9343, -0.9178

Protanopia

65.8345, -2.4218, 5.3747

Deuteranopia

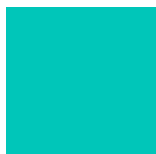
65.8229, 4.7175, -3.7559



Tritanopia

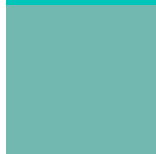
66.1948, -29.4117, -14.3386

Trichromacy



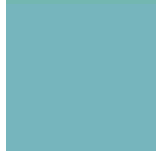
Original Color

66.2502, -37.9343, -0.9178



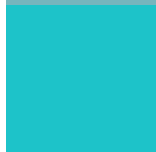
Protanomaly

63.7857, -22.2443, 0.2517



Deuteranomaly

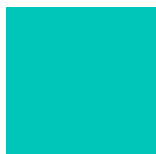
63.6973, -18.4882, -5.8867



Tritanomaly

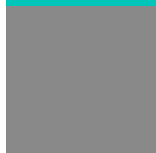
65.9610, -32.7199, -9.5978

Monochromacy



Original Color

66.2502, -37.9343, -0.9178



Achromatopsia

50.0158, -2.6687, 2.7175



Achromatomaly

53.9959, -21.2318, -0.6689

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.2502, -37.9343, -0.9178 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, 198, 185)` looks like.

```
.text, #text, p{  
    color:rgb(0, 198, 185)  
}
```

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, 198, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 198, 185) }
```

Border

The CSS property to change the border of an element to HunterLab 66.2502, -37.9343, -0.9178 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, 198, 185) }
```


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

```
.border{ border-color:rgb(0, 198, 185) }
```

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

Here you see how a box with a 4 pixel rgb(0, 198, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 198, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 198, 185);  
box-shadow:4px 4px 4px 4px rgb(0, 198,  
185) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.2502, -37.9343, -0.9178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 198, 185) }
```

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

```
.background{ background-color: rgb(0, 198,  
185) }
```

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