

Converting Colors

HunterLab(64.7342, -45.0741,
-8.2354)

Have a look what the booklet for
HunterLab(64.7342, -45.0741,
-8.2354) contains.

HunterLab(66.9231, -36.3680, -5.1400)	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(66.9231,
-36.3680, -5.1400)**

Conversions

Conversions Part 1

Format	Color
Hex	00C7C3
RGB	0, 199, 195
RGB Percent	0%, 78%, 76%
CMY	0.9998, 0.2196, 0.2353
CMYK	1.00, 0.00, 0.02, 0.22
HSL	179°, 100%, 39%
HSV	179°, 100%, 78%
XYZ	30.2738, 44.7870, 58.6790
YIQ	139.0430, -117.3200, -43.4320

Conversions

Conversions Part 2

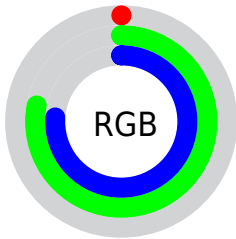
Format	Color
RYB	0, 101, 199
Decimal	51139
CIELab	72.75, -41.08, -9.74
CIELCh	73, 42.222, 193.331
Yxy	44.7887, 0.2264, 0.3349
Android (android.graphics.Color)	4278241219 (0xFF00C7C3)
YUV	139.0430, 27.5868, -121.9407
Hunter-Lab	66.9231, -36.3680, -5.1400

Details

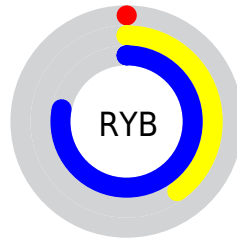
The HunterLab color **66.9231, -36.3680, -5.1400** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **34.8601, 59.7178, 22.3287**, and the grayscale version is **50.7616, -2.7085, 2.7580**.

A 20% lighter version of the original color is **90.2709, -41.3119, -5.0429**, and **46.7649, -25.4202, -3.5771** is the 20% darker color. If you saturate the color by 10%, you get **66.9241, -36.3690, -5.1390**, and if you desaturate by 10%, it is **67.0482, -35.8499, -5.1793**.

Distribution



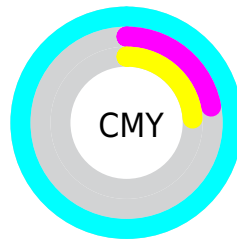
- Red (0%)
- Green (78%)
- Blue (76%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (2%)
- Black (22%)



- Cyan (100%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.9231, -36.3680, -5.1400 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 66.9231, -36.3680, -5.1400 by changing the saturation by 10% instead.

66.9231, -36.3680,
-5.1400

66.9231, -36.3680,
-5.1400

191.2896,
-59.4136, -1.6640

55.9384, -33.4445,
-5.2932

90.7762, -41.8972,
-4.6691

45.6295, -30.3768,
-5.3865

103.5803,
-44.5418, -4.3612

36.0457, -27.1214,
-5.4127

116.9356,
-47.1249, -4.0090

27.2464, -23.6126,
-5.3638

130.8201,
-49.6568, -3.6150

19.3091, -19.7459,
-5.2305

145.2144,
-52.1455, -3.1817

12.3403, -16.6931,
-5.0039

160.1010,

5.5202, -9.6603,

-54.5977, -2.7109

-7.0187

175.4642,
-57.0189, -2.2045

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.9231, -36.3680,
-5.1400

■ 66.9231, -36.3680,
-5.1400

■ 66.9241, -36.3690,
-5.1390

■ 67.0482, -35.8499,
-5.1793

■ 67.2850, -34.8873,
-5.0651

■ 67.6724, -33.3373,
-4.7456

■ 68.2284, -31.1424,
-4.1989

■ 68.9658, -28.2706,

-3.4121

■ 69.8937, -24.7122,
-2.3794

■ 71.0176, -20.4764,
-1.1020

■ 72.3400, -15.5886,
0.4136

■ 73.8608, -10.0871,
2.1560

Harmonies

Analogous

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



66.9243, -35.9157, 13.1105



66.9231, -36.3680, -5.1400



66.9243, -28.7841, -25.8380

Triad

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



66.9243, -36.3681, -5.1391



66.9243, 24.2267, -27.9413



66.9243, 7.5540, 29.6449

Complementary

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



66.9231, -36.3680, -5.1400



34.8601, 59.7178, 22.3287

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.



66.9243, 26.0259, 23.8305



66.9231, -36.3680, -5.1400



66.9243, 36.3825, -7.4485

Square

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



66.9243, -36.3681, -5.1391



66.9243, 5.3166, -41.3354



66.9243, 37.0764, 11.3756



66.9243, -12.0244, 29.9351

Rectangle

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



66.9231, -36.3680, -5.1400



66.9243, -19.6261, -36.8428



66.9243, 37.0764, 11.3756



66.9243, 14.1488, 28.3689

Sweetspot

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



66.9243, -36.3681, -5.1391



93.8965, -27.3720, -1.5430



63.9464, -54.6604, 38.4454



43.1341, -13.8149, -1.0637

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.9243, -36.3681, -5.1391



88.5517, -48.1394, -6.7628



38.0313, 6.0988, -60.6974



34.7329, -4.5742, 1.0647



53.6662, -29.1542, -4.1427



11.6829, -6.3133, -0.9741

Inverse Universe

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



34.8601, 59.7178, 22.3287



46.1208, 79.0076, 29.6132



44.6677, 31.5622, 28.0750



32.6195, 1.1528, 2.6580



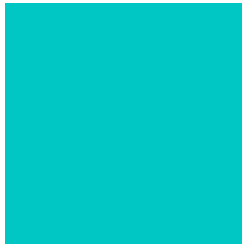
27.9551, 47.8996, 17.8644



6.0932, 10.4605, 3.7371

Previews

White Background



This preview shows how the HunterLab color 66.9231, -36.3680, -5.1400 looks on a white background.

Color Contrast Check

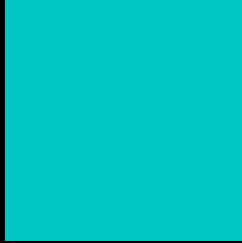
Large Text (above 18pt) WCAG AA × Fail

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 66.9231, -36.3680, -5.1400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

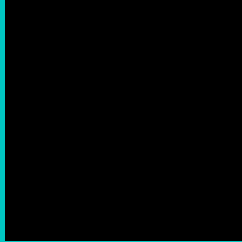
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

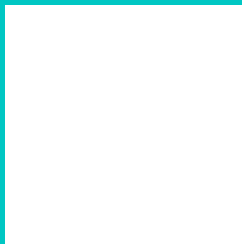
Any Text WCAG AAA ✓ Pass

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

HunterLab 66.9231, -36.3680, -5.1400 Background



This preview shows how black text looks on a background with the HunterLab color 66.9231, -36.3680, -5.1400.



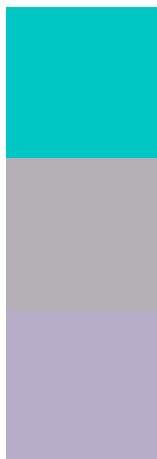
This preview shows how white text looks on a background with the HunterLab color 66.9231,

-36.3680, -5.1400.

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

66.9231, -36.3680, -5.1400

Protanopia

66.3103, -1.7556, 1.7415

Deuteranopia

66.4616, 4.5907, -8.2619



Tritanopia

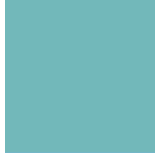
66.8464, -30.2000, -14.5846

Trichromacy



Original Color

66.9231, -36.3680, -5.1400



Protanomaly

64.3456, -21.2186, -3.5265



Deuteranomaly

64.2592, -17.3434, -10.5619



Tritanomaly

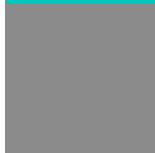
66.7798, -32.6456, -11.2655

Monochromacy



Original Color

66.9231, -36.3680, -5.1400



Achromatopsia

50.8117, -2.7112, 2.7607



Achromatomaly

54.8340, -20.9989, -2.0456

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.9231, -36.3680, -5.1400 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, 199, 195)` looks like.

```
.text, #text, p{  
    color:rgb(0, 199, 195)  
}
```

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, 199, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 199, 195) }
```

Border

The CSS property to change the border of an element to HunterLab 66.9231, -36.3680, -5.1400 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, 199, 195) }
```


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

```
.border{ border-color:rgb(0, 199, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 199, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 199, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 199, 195);  
box-shadow:4px 4px 4px 4px rgb(0, 199,  
195) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.9231, -36.3680, -5.1400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 199, 195) }
```

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

```
.background{ background-color: rgb(0, 199,  
195) }
```

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