

Converting Colors

HunterLab(68.5883, -38.7349,
-2.1119)

Have a look what the booklet for
HunterLab(68.5883, -38.7349,
-2.1119) contains.

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Color

**HunterLab(68.5828,
-38.7677, -2.0343)**

Conversions

Conversions Part 1

Format	Color
Hex	00CCC1
RGB	0, 204, 193
RGB Percent	0%, 80%, 76%
CMY	0.9998, 0.2000, 0.2431
CMYK	1.00, 0.00, 0.05, 0.20
HSL	177°, 100%, 40%
HSV	177°, 100%, 80%
XYZ	31.2185, 47.0360, 57.8856
YIQ	141.7500, -118.0530, -46.6690

Conversions

Conversions Part 2

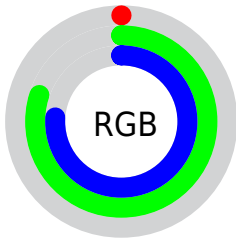
Format	Color
RYB	0, 105, 204
Decimal	52417
CIELab	74.21, -43.87, -6.48
CIELCh	74, 44.343, 188.402
Yxy	47.0378, 0.2293, 0.3455
Android (android.graphics.Color)	4278242497 (0xFF00CCC1)
YUV	141.7500, 25.2662, -124.3148
Hunter-Lab	68.5828, -38.7677, -2.0343

Details

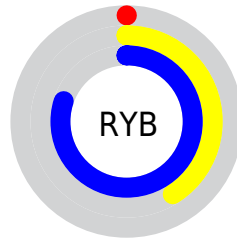
The HunterLab color **68.5828, -38.7677, -2.0343** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **35.8649, 61.4813, 22.6507**, and the grayscale version is **51.8509, -2.7666, 2.8172**.

A 20% lighter version of the original color is **90.2013, -41.7210, -4.0583**, and **48.3615, -27.4927, -1.0988** is the 20% darker color. If you saturate the color by 10%, you get **68.5838, -38.7690, -2.0327**, and if you desaturate by 10%, it is **68.7315, -38.1086, -2.3948**.

Distribution



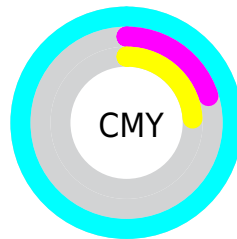
- Red (0%)
- Green (80%)
- Blue (76%)



- Red (0%)
- Yellow (41%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (5%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.5828, -38.7677, -2.0343 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 68.5828, -38.7677, -2.0343 by changing the saturation by 10% instead.

68.5828, -38.7677,
-2.0343

68.5828, -38.7677,
-2.0343

193.6402,
-62.9175, 2.5560

57.5026, -35.6927,
-2.3355

92.6121, -44.5780,
-1.2854

47.0921, -32.4647,
-2.5838

105.4982,
-47.3537, -0.8462

37.3989, -29.0389,
-2.7726

118.9321,
-50.0627, -0.3673

28.4806, -25.3489,
-2.8943

132.8923,
-52.7156, 0.1493

20.4116, -21.2899,
-2.9390

147.3596,
-55.3211, 0.7014

13.2930, -17.5592,
-2.8932

162.3168,

6.8301, -11.9527,

-57.8862, 1.2876

-3.5604

177.7484,
-60.4167, 1.9062

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.5828, -38.7677,
-2.0343

■ 68.5828, -38.7677,
-2.0343

■ 68.5838, -38.7690,
-2.0327

■ 68.7315, -38.1086,
-2.3948

■ 68.9961, -36.9860,
-2.6023

■ 69.4163, -35.2551,
-2.6038

■ 70.0105, -32.8575,
-2.3751

■ 70.7918, -29.7618,

-1.9006

■ 71.7695, -25.9592,
-1.1721

■ 72.9491, -21.4612,
-0.1883

■ 74.3332, -16.2955,
1.0463

■ 75.9214, -10.5030,
2.5220

Harmonies

Analogous

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



68.5841, -36.8899, 16.2606



68.5828, -38.7677, -2.0343



68.5841, -32.1544, -24.2006

Triad

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



68.5841, -38.7679, -2.0334



68.5841, 22.8570, -33.0667



68.5841, 11.6135, 30.4338

Complementary

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



68.5828, -38.7677, -2.0343



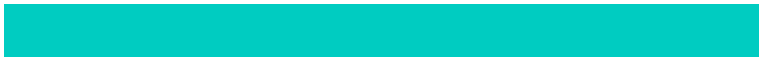
35.8649, 61.4813, 22.6507

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.



68.5841, 30.4039, 23.3359



68.5828, -38.7677, -2.0343



68.5841, 37.4124, -11.7197

Square

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



68.5841, -38.7679, -2.0334



68.5841, 2.2507, -45.2866



68.5841, 40.3267, 9.0389



68.5841, -9.3832, 31.6225

Rectangle

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



68.5828, -38.7677, -2.0343



68.5841, -23.2992, -36.9862



68.5841, 40.3267, 9.0389



68.5841, 18.4654, 28.7888

Sweetspot

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



68.5841, -38.7679, -2.0334



93.8090, -27.8724, -0.3006



65.7858, -56.0574, 39.5545



43.0877, -14.0816, -0.4051

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.5841, -38.7679, -2.0334



88.2528, -49.9268, -2.5307



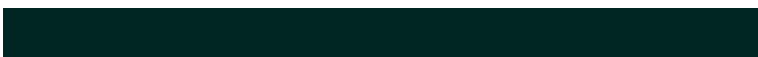
40.9427, 2.9083, -57.4496



35.6598, -4.7591, 1.2269



54.4146, -30.7321, -1.6716



12.3725, -6.9011, -0.5671

Inverse Universe

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



35.8649, 61.4813, 22.6507



46.1422, 79.0872, 29.2945



44.5949, 35.7456, 28.1035



33.5012, 1.2425, 2.6032



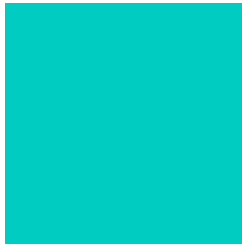
28.4598, 48.8071, 17.8564



6.4912, 11.1861, 3.6545

Previews

White Background



This preview shows how the HunterLab color 68.5828, -38.7677, -2.0343 looks on a white background.

Color Contrast Check

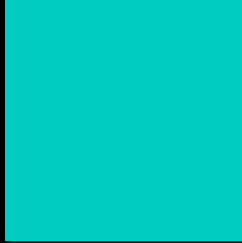
Large Text (above 18pt) WCAG AA × Fail

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 68.5828, -38.7677, -2.0343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

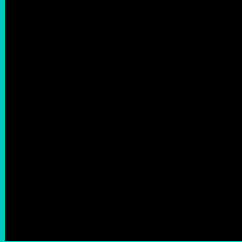
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

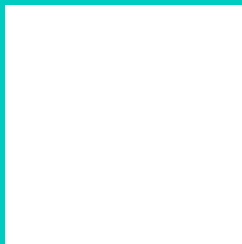
Any Text WCAG AAA ✓ Pass

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

HunterLab 68.5828, -38.7677, -2.0343 Background



This preview shows how black text looks on a background with the HunterLab color 68.5828, -38.7677, -2.0343.



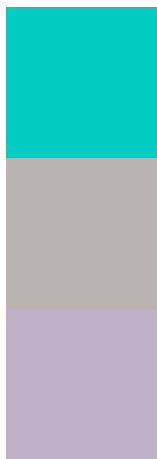
This preview shows how white text looks on a background with the HunterLab color 68.5828,

-38.7677, -2.0343.

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

68.5828, -38.7677, -2.0343

Protanopia

67.9790, -2.2053, 4.6531

Deuteranopia

67.9127, 4.8687, -5.2397



Tritanopia

68.4830, -30.4286, -15.1674

Trichromacy



Original Color

68.5828, -38.7677, -2.0343



Protanomaly

66.1116, -23.0305, -0.3338



Deuteranomaly

65.7373, -18.5853, -7.4609



Tritanomaly

68.2558, -33.7266, -10.3674

Monochromacy



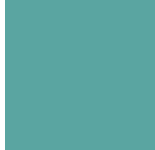
Original Color

68.5828, -38.7677, -2.0343



Achromatopsia

52.0094, -2.7751, 2.8258



Achromatomaly

56.2647, -21.9912, -1.2462

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.5828, -38.7677, -2.0343 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, 204, 193)` looks like.

```
.text, #text, p{  
    color:rgb(0, 204, 193)  
}
```

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, 204, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 204, 193) }
```

Border

The CSS property to change the border of an element to HunterLab 68.5828, -38.7677, -2.0343 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, 204, 193) }
```


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

```
.border{ border-color:rgb(0, 204, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 204, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 204, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 204, 193);  
box-shadow:4px 4px 4px 4px rgb(0, 204,  
193) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.5828, -38.7677, -2.0343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 204, 193) }
```

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

```
.background{ background-color: rgb(0, 204,  
193) }
```

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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