

Converting Colors

HunterLab(70.6675, -37.7336,
-6.8721)

Have a look what the booklet for
HunterLab(70.6675, -37.7336,
-6.8721) contains.

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Color

**HunterLab(70.7855,
-37.9781, -6.4920)**

Conversions

Conversions Part 1

Format	Color
Hex	00D1CF
RGB	0, 209, 207
RGB Percent	0%, 82%, 81%
CMY	0.9998, 0.1804, 0.1882
CMYK	1.00, 0.00, 0.01, 0.18
HSL	179°, 100%, 41%
HSV	179°, 100%, 82%
XYZ	34.0629, 50.1059, 66.9076
YIQ	146.2810, -123.9220, -44.9300

Conversions

Conversions Part 2

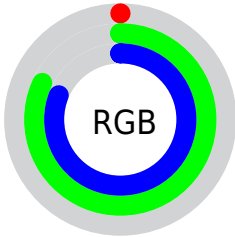
Format	Color
RYB	0, 105, 209
Decimal	53711
CIELab	76.14, -41.97, -11.18
CIELCh	76, 43.439, 194.915
Yxy	50.1077, 0.2255, 0.3317
Android (android.graphics.Color)	4278243791 (0xFF00D1CF)
YUV	146.2810, 29.9345, -128.2884
Hunter-Lab	70.7855, -37.9781, -6.4920

Details

The HunterLab color **70.7855, -37.9781, -6.4920** 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 **36.8256, 63.0702, 23.7012**, and the grayscale version is **53.6519, -2.8627, 2.9150**.

A 20% lighter version of the original color is **90.5142, -40.0869, -6.8988**, and **50.4094, -26.9381, -4.8557** is the 20% darker color. If you saturate the color by 10%, you get **70.7866, -37.9791, -6.4911**, and if you desaturate by 10%, it is **70.9056, -37.4941, -6.4339**.

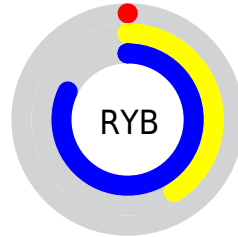
Distribution



Red (0%)

Green (82%)

Blue (81%)



Red (0%)

Yellow (41%)

Blue (82%)

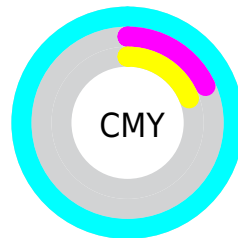


Cyan (100%)

Magenta (0%)

Yellow (1%)

Black (18%)



Cyan (100%)

Magenta (18%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.7855, -37.9781, -6.4920 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 70.7855, -37.9781, -6.4920 by changing the saturation by 10% instead.

70.7855, -37.9781,
-6.4920

70.7855, -37.9781,
-6.4920

196.7453,
-61.2377, -3.3460

59.5810, -35.0425,
-6.6055

95.0445, -43.5444,
-6.0989

49.0383, -31.9699,
-6.6591

108.0376,
-46.2115, -5.8290

39.2032, -28.7210,
-6.6458

121.5742,
-48.8186, -5.5141

30.1308, -25.2373,
-6.5585

135.6332,
-51.3755, -5.1568

21.8919, -21.4281,
-6.3894

150.1959,
-53.8900, -4.7595

14.5810, -17.2764,
-6.1322

165.2455,

8.2415, -14.4226,

-56.3685, -4.3241

-5.9956

180.7666,
-58.8162, -3.8524

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 70.7855, -37.9781,
-6.4920

■ 70.7855, -37.9781,
-6.4920

■ 70.7866, -37.9791,
-6.4911

■ 70.9056, -37.4941,
-6.4339

■ 71.1450, -36.5359,
-6.2104

■ 71.5439, -34.9558,
-5.7680

■ 72.1216, -32.6914,
-5.0839

■ 72.8920, -29.7076,

-4.1446

■ 73.8648, -25.9930,
-2.9445

■ 75.0461, -21.5565,
-1.4855

■ 76.4387, -16.4248,
0.2245

■ 78.0425, -10.6378,
2.1730

Harmonies

Analogous

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



70.7868, -37.9541, 12.9314



70.7855, -37.9781, -6.4920



70.7868, -29.5820, -28.0550

Triad

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



70.7868, -37.9782, -6.4910



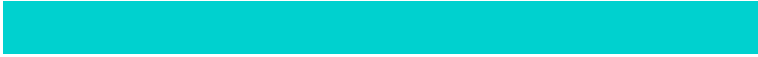
70.7868, 26.2480, -28.1665



70.7868, 6.7697, 31.3337

Complementary

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



70.7855, -37.9781, -6.4920



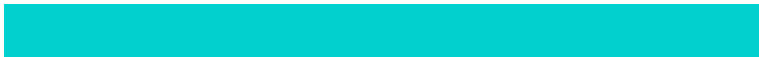
36.8256, 63.0702, 23.7012

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.



70.7868, 26.3436, 25.5404



70.7855, -37.9781, -6.4920



70.7868, 38.4295, -6.6137

Square

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



70.7868, -37.9782, -6.4910



70.7868, 6.6508, -42.7868



70.7868, 38.4664, 12.8390



70.7868, -13.6413, 31.3492

Rectangle

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



70.7855, -37.9781, -6.4920



70.7868, -19.7254, -39.2018



70.7868, 38.4664, 12.8390



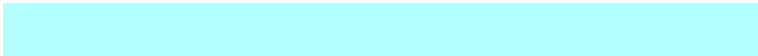
70.7868, 13.7133, 30.0909

Sweetspot

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



70.7868, -37.9782, -6.4910



93.9240, -27.2150, -1.9329



67.5465, -57.8339, 40.6082



43.1486, -13.7311, -1.2706

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.7868, -37.9782, -6.4910



88.6474, -47.5684, -8.1150



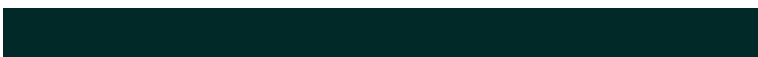
39.1542, 8.4019, -67.0725



36.6129, -4.8213, 1.0733



55.5830, -29.8166, -5.1084



13.1456, -7.0358, -1.2426

Inverse Universe

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



36.8256, 63.0702, 23.7012



46.1144, 78.9839, 29.7080



47.8239, 31.8395, 30.0247



34.3658, 1.2196, 2.8481



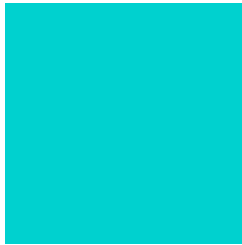
28.9160, 49.5317, 18.5901



6.8423, 11.7302, 4.3243

Previews

White Background



This preview shows how the HunterLab color 70.7855, -37.9781, -6.4920 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 70.7855, -37.9781, -6.4920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

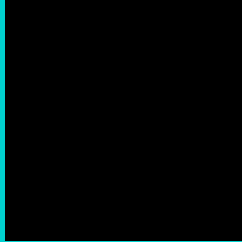
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

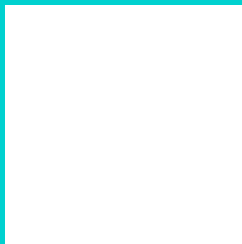
Any Text WCAG AAA ✓ Pass

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

HunterLab 70.7855, -37.9781, -6.4920 Background



This preview shows how black text looks on a background with the HunterLab color 70.7855, -37.9781, -6.4920.



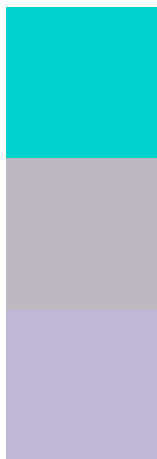
This preview shows how white text looks on a background with the HunterLab color 70.7855,

-37.9781, -6.4920.

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

70.7855, -37.9781, -6.4920

Protanopia

70.1392, -1.5983, 1.0361

Deuteranopia

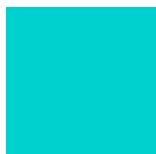
70.3324, 5.0249, -9.6409



Tritanopia

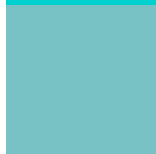
70.9961, -32.4560, -15.1219

Trichromacy



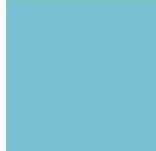
Original Color

70.7855, -37.9781, -6.4920



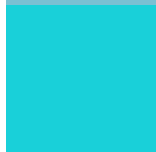
Protanomaly

68.2699, -22.4293, -4.2002



Deuteranomaly

68.2202, -18.2997, -11.8441



Tritanomaly

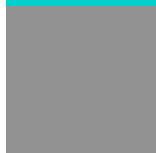
70.9424, -34.8740, -11.7595

Monochromacy



Original Color

70.7855, -37.9781, -6.4920



Achromatopsia

53.6135, -2.8607, 2.9129



Achromatomaly

57.9053, -21.8950, -2.6340

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.7855, -37.9781, -6.4920 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, 209, 207)` looks like.

```
.text, #text, p{  
    color:rgb(0, 209, 207)  
}
```

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, 209, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 209, 207) }
```

Border

The CSS property to change the border of an element to HunterLab 70.7855, -37.9781, -6.4920 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, 209, 207) }
```


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

```
.border{ border-color:rgb(0, 209, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 209, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 209, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 209, 207);  
box-shadow:4px 4px 4px 4px rgb(0, 209,  
207) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.7855, -37.9781, -6.4920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 209, 207) }
```

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

```
.background{ background-color: rgb(0, 209,  
207) }
```

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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