

Converting Colors

HunterLab(72.6441, -37.2687,
-6.5463)

Have a look what the booklet for
HunterLab(72.6441, -37.2687,
-6.5463) contains.

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Color

**HunterLab(72.6871,
-37.2423, -6.6695)**

Conversions

Conversions Part 1

Format	Color
Hex	2AD5D4
RGB	42, 213, 212
RGB Percent	16%, 84%, 83%
CMY	0.8352, 0.1647, 0.1686
CMYK	0.80, 0.00, 0.00, 0.16
HSL	180°, 67%, 50%
HSV	180°, 80%, 84%
XYZ	36.6327, 52.8341, 70.5545
YIQ	161.7570, -101.5950, -36.5630

Conversions

Conversions Part 2

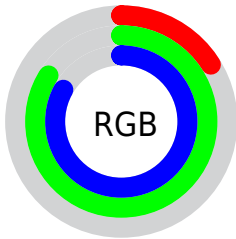
Format	Color
R_{YB}	42, 128, 213
Decimal	2807252
CIE _{Lab}	77.78, -40.34, -11.38
CIE _{LCh}	78, 41.916, 195.758
Yxy	52.8361, 0.2289, 0.3302
Android (android.graphics.Color)	4280997332 (0xFF2AD5D4)
YUV	161.7570, 24.7698, -105.0269
Hunter-Lab	72.6871, -37.2423, -6.6695

Details

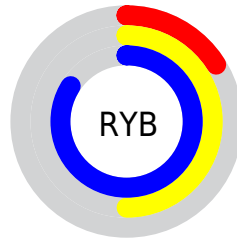
The HunterLab color **72.6871, -37.2423, -6.6695** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **39.9727, 58.2373, 22.2581**, and the grayscale version is **59.9435, -3.1984, 3.2568**.

A 20% lighter version of the original color is **90.9577, -38.3760, -6.2933**, and **51.8537, -27.7048, -5.0058** is the 20% darker color. If you saturate the color by 10%, you get **72.4525, -38.1821, -6.9284**, and if you desaturate by 10%, it is **73.0870, -35.6696, -6.1854**.

Distribution



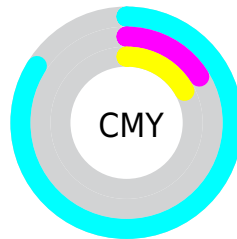
- Red (16%)
- Green (84%)
- Blue (83%)



- Red (16%)
- Yellow (50%)
- Blue (84%)



- Cyan (80%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (84%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.6871, -37.2423, -6.6695 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 72.6871, -37.2423, -6.6695 by changing the saturation by 10% instead.

72.6871, -37.2423,
-6.6695

72.6871, -37.2423,
-6.6695

199.4132,
-59.7508, -3.5242

61.3775, -34.4231,
-6.7844

97.1407, -42.6042,
-6.2749

50.7230, -31.4798,
-6.8400

110.2247,
-45.1797, -6.0048

40.7681, -28.3769,
-6.8296

123.8485,
-47.7009, -5.6899

31.5662, -25.0626,
-6.7462

137.9915,
-50.1766, -5.3328

23.1846, -21.4566,
-6.5822

152.6353,
-52.6141, -4.9359

15.7133, -17.4259,
-6.3312

167.7633,

9.2795, -16.2391,

-55.0192, -4.5010

-6.0019

183.3605,
-57.3967, -4.0299

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 72.6871, -37.2423,
-6.6695

■ 72.6871, -37.2423,
-6.6695

■ 72.4525, -38.1821,
-6.9284

■ 73.0870, -35.6696,
-6.1854

■ 72.3403, -38.6343,
-7.0187


■ 73.6679, -33.3980,
-5.4552


■ 74.4456, -30.3906,
-4.4640


■ 75.4304, -26.6345,
-3.2062

■ 76.6285, -22.1383,

-1.6838

 78.0430, -16.9281,
0.0954

 79.6739, -11.0448,
2.1180

 81.5189, -4.5395,
4.3672

 83.5734, 2.5301,
6.8236

Harmonies

Analogous

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



72.6885, -37.4551, 12.3746



72.6871, -37.2423, -6.6695



72.6885, -28.7589, -27.3443

Triad

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



72.6885, -37.2424, -6.6685



72.6885, 25.6939, -26.3884



72.6885, 5.7988, 31.1859

Complementary

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



72.6871, -37.2423, -6.6695



39.9727, 58.2373, 22.2581

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.



72.6885, 24.8671, 25.5464



72.6871, -37.2423, -6.6695



72.6885, 37.1652, -5.6066

Square

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



72.6885, -37.2424, -6.6685



72.6885, 6.8325, -40.6584



72.6885, 36.8473, 13.1862



72.6885, -14.0104, 31.0455

Rectangle

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



72.6871, -37.2423, -6.6695



72.6885, -18.9732, -37.8056



72.6885, 36.8473, 13.1862



72.6885, 12.5498, 29.9871

Sweetspot

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



72.6885, -37.2424, -6.6685



94.9525, -23.3911, -0.7861



69.5069, -56.6915, 39.9676



43.6440, -11.8748, -0.7231

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.6885, -37.2424, -6.6685



88.7208, -47.2055, -8.5753



46.2145, 0.2224, -52.2831



37.5587, -4.9476, 1.0826



56.5383, -30.1917, -5.4926



13.8868, -7.4059, -1.3701

Inverse Universe

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



39.9727, 58.2373, 22.2581



46.3757, 78.2481, 29.5165



53.7541, 22.6529, 31.1019



35.2448, 1.2550, 2.9392



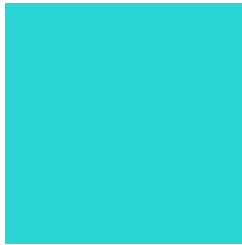
29.3995, 50.3549, 18.9394



7.2232, 12.3777, 4.6077

Previews

White Background



This preview shows how the HunterLab color 72.6871, -37.2423, -6.6695 looks on a white background.

Color Contrast Check

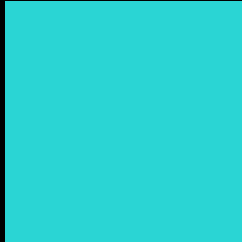
Large Text (above 18pt) WCAG AA × Fail

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 72.6871, -37.2423, -6.6695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

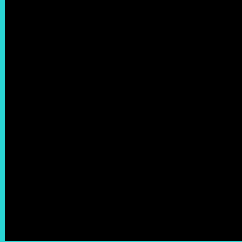
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

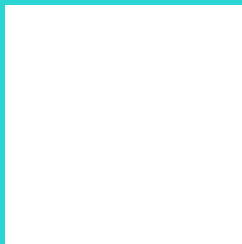
Any Text WCAG AAA ✓ Pass

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

HunterLab 72.6871, -37.2423, -6.6695 Background



This preview shows how black text looks on a background with the HunterLab color 72.6871, -37.2423, -6.6695.



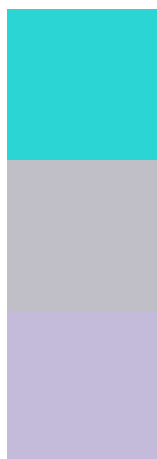
This preview shows how white text looks on a background with the HunterLab color 72.6871,

-37.2423, -6.6695.

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

72.6871, -37.2423, -6.6695

Protanopia

72.1877, -1.8399, 0.5690

Deuteranopia

72.0524, 5.1558, -10.0923



Tritanopia

72.8222, -32.0176, -15.4473

Trichromacy



Original Color

72.6871, -37.2423, -6.6695



Protanomaly

70.7236, -19.5539, -4.1285



Deuteranomaly

70.7200, -15.3530, -11.1572



Tritanomaly

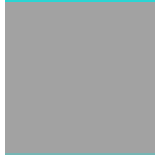
72.8455, -34.1356, -11.9579

Monochromacy



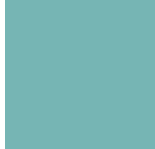
Original Color

72.6871, -37.2423, -6.6695



Achromatopsia

60.1088, -3.2073, 3.2658



Achromatomaly

63.3992, -20.1960, -1.6686

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.6871, -37.2423, -6.6695 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(42, 213, 212)` looks like.

```
.text, #text, p{  
    color:rgb(42, 213, 212)  
}
```

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(42, 213, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 213, 212) }
```

Border

The CSS property to change the border of an element to HunterLab 72.6871, -37.2423, -6.6695 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(42, 213, 212) }
```


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

```
.border{ border-color:rgb(42, 213, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 213, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 213, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 213, 212);  
box-shadow:4px 4px 4px 4px rgb(42, 213,  
212) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.6871, -37.2423, -6.6695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 213, 212) }
```

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

```
.background{ background-color: rgb(42, 213,  
212) }
```

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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