

Converting Colors

HunterLab(76.6188, -37.4133,
-4.2236)

Have a look what the booklet for
HunterLab(76.6188, -37.4133,
-4.2236) contains.

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Color

**HunterLab(76.6473,
-37.3755, -4.2043)**

Conversions

Conversions Part 1

Format	Color
Hex	4BDED9
RGB	75, 222, 217
RGB Percent	29%, 87%, 85%
CMY	0.7059, 0.1294, 0.1490
CMYK	0.66, 0.00, 0.02, 0.13
HSL	178°, 69%, 58%
HSV	178°, 66%, 87%
XYZ	41.5472, 58.7481, 74.7953
YIQ	177.4770, -86.0070, -32.7190

Conversions

Conversions Part 2

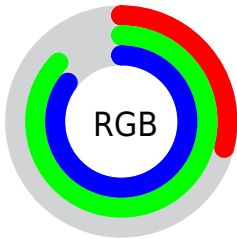
Format	Color
R _{YB}	75, 150, 222
Decimal	4972249
CIE Lab	81.15, -39.30, -8.96
CIE LCh	81, 40.307, 192.848
Yxy	58.7503, 0.2373, 0.3355
Android (android.graphics.Color)	4283162329 (0xFF4BDED9)
YUV	177.4770, 19.4848, -89.8723
Hunter-Lab	76.6473, -37.3755, -4.2043

Details

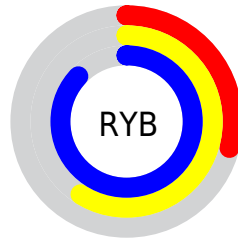
The HunterLab color **76.6473, -37.3755, -4.2043** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **45.9812, 51.8718, 19.4529**, and the grayscale version is **66.4543, -3.5458, 3.6106**.

A 20% lighter version of the original color is **91.8710, -34.8822, -5.0564**, and **54.6636, -29.8374, -3.9143** is the 20% darker color. If you saturate the color by 10%, you get **76.1358, -39.4420, -4.4974**, and if you desaturate by 10%, it is **77.3604, -34.5546, -3.6439**.

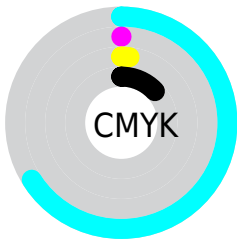
Distribution



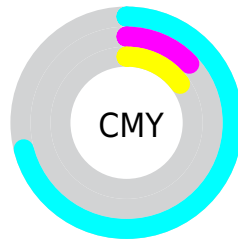
- Red (29%)
- Green (87%)
- Blue (85%)



- Red (29%)
- Yellow (59%)
- Blue (87%)



- Cyan (66%)
- Magenta (0%)
- Yellow (2%)
- Black (13%)



- Cyan (71%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.6473, -37.3755, -4.2043 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 76.6473, -37.3755, -4.2043 by changing the saturation by 10% instead.

■ 76.6473, -37.3755,
-4.2043

■ 76.6473, -37.3755,
-4.2043

204.9332,
-59.3229, -0.1782

■ 65.1246, -34.6523,
-4.4357

■ 101.4962,
-42.5756, -3.5902

■ 54.2440, -31.8187,
-4.6132

■ 114.7648,
-45.0811, -3.2164

■ 44.0476, -28.8446,
-4.7304

■ 128.5661,
-47.5378, -2.8014

■ 34.5848, -25.6859,
-4.7805

■ 142.8801,
-49.9538, -2.3474

■ 25.9175, -22.2760,
-4.7553

157.6892,
-52.3354, -1.8565

■ 18.1269, -18.5069,
-4.6445

172.9772,

■ 11.3258, -16.4419,

-54.6879, -1.3303

-4.4379

188.7296,
-57.0158, -0.7704

■ 3.5745, -6.2554,
-10.1990

0.0000, NaN, NaN

■ 76.6473, -37.3755,
-4.2043

■ 76.6473, -37.3755,
-4.2043

■ 76.1358, -39.4420,
-4.4974

■ 77.3604, -34.5546,
-3.6439

■ 75.8031, -40.8086,
-4.5487

■ 78.2841, -30.9514,
-2.8062

■ 75.6249, -41.5672,
-4.3917

■ 79.4287, -26.5634,
-1.6854

■ 75.5793, -41.7679,
-4.3028

■ 80.7992, -21.4091,
-0.2838

■ 82.3974, -15.5244,
1.3896

■ 84.2221, -8.9581,
3.3211

■ 86.2698, -1.7684,
5.4934

■ 88.5348, 5.9814,
7.8865

■ 88.8118, 6.9559,
7.8627

Harmonies

Analogous

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



76.6488, -36.7752, 13.9766



76.6473, -37.3755, -4.2043



76.6488, -29.7271, -24.3115

Triad

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



76.6488, -37.3758, -4.2033



76.6488, 23.1502, -26.9086



76.6488, 7.2973, 31.0576

Complementary

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



76.6473, -37.3755, -4.2043



45.9812, 51.8718, 19.4529

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.



76.6488, 25.4249, 24.7057



76.6473, -37.3755, -4.2043



76.6488, 35.1873, -7.1273

Square

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



76.6488, -37.3758, -4.2033



76.6488, 4.4358, -39.4632



76.6488, 36.0591, 11.6977



76.6488, -12.2662, 31.4669

Rectangle

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



76.6473, -37.3755, -4.2043



76.6488, -20.4884, -34.9027



76.6488, 36.0591, 11.6977



76.6488, 13.8060, 29.6365

Sweetspot

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



76.6488, -37.3758, -4.2033



95.6379, -20.9766, 0.8170



73.8663, -54.5874, 39.2163



44.0027, -10.6034, 0.1228

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.6488, -37.3758, -4.2033



88.9259, -46.7790, -5.3126



55.2256, -6.2994, -40.2762



39.4511, -5.2636, 1.2592



58.2511, -32.1719, -3.3589



15.3445, -8.4202, -1.0026

Inverse Universe

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



45.9812, 51.8718, 19.4529



49.1805, 71.3258, 26.3318



59.2739, 19.5692, 30.2071



37.0244, 1.3826, 2.9733



30.3931, 52.0923, 19.3047



8.0187, 13.7772, 4.8322

Previews

White Background



This preview shows how the HunterLab color 76.6473, -37.3755, -4.2043 looks on a white background.

Color Contrast Check

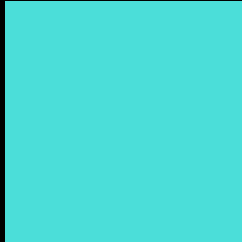
Large Text (above 18pt) WCAG AA × Fail

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 76.6473, -37.3755, -4.2043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

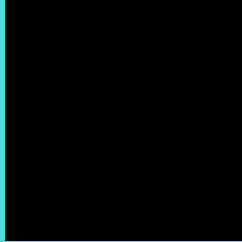
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

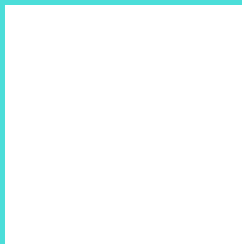
Any Text WCAG AAA ✓ Pass

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

HunterLab 76.6473, -37.3755, -4.2043 Background



This preview shows how black text looks on a background with the HunterLab color 76.6473, -37.3755, -4.2043.



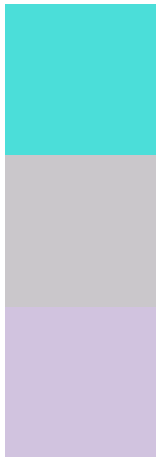
This preview shows how white text looks on a background with the HunterLab color 76.6473,

-37.3755, -4.2043.

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

76.6473, -37.3755, -4.2043

Protanopia

75.9705, -2.4048, 2.6761

Deuteranopia

76.1007, 5.5149, -7.4010



Tritanopia

76.6216, -30.7365, -15.3218

Trichromacy



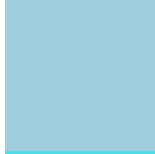
Original Color

76.6473, -37.3755, -4.2043



Protanomaly

74.9984, -18.4131, -1.2844



Deuteranomaly

75.0711, -13.9621, -8.0125



Tritanomaly

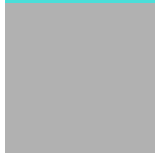
76.5826, -33.1663, -11.3495

Monochromacy



Original Color

76.6473, -37.3755, -4.2043



Achromatopsia

66.3066, -3.5380, 3.6026



Achromatomaly

68.9356, -18.6170, -0.7395

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.6473, -37.3755, -4.2043 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(75, 222, 217)` looks like.

```
.text, #text, p{  
    color:rgb(75, 222, 217)  
}
```

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(75, 222, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 222, 217) }
```

Border

The CSS property to change the border of an element to HunterLab 76.6473, -37.3755, -4.2043 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(75, 222, 217) }
```


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

```
.border{ border-color:rgb(75, 222, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 222, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 222, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 222, 217);  
box-shadow:4px 4px 4px 4px rgb(75, 222,  
217) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.6473, -37.3755, -4.2043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 222, 217) }
```

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

```
.background{ background-color: rgb(75, 222,  
217) }
```

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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