

Converting Colors

HunterLab(76.7249, -42.1636,
7.5519)

Have a look what the booklet for
HunterLab(76.7249, -42.1636,
7.5519) contains.

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Color

**HunterLab(76.7249,
-42.1636, 7.5519)**

Conversions

Conversions Part 1

Format	Color
Hex	50E0C1
RGB	80, 224, 193
RGB Percent	31%, 88%, 76%
CMY	0.6863, 0.1216, 0.2431
CMYK	0.64, 0.00, 0.14, 0.12
HSL	167°, 70%, 60%
HSV	167°, 64%, 88%
XYZ	39.5896, 58.8671, 59.7281
YIQ	177.4100, -75.8730, -40.1690

Conversions

Conversions Part 2

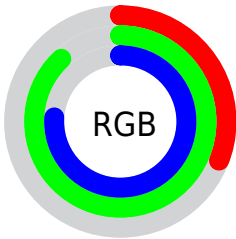
Format	Color
RYB	80, 161, 224
Decimal	5300417
CIELab	81.22, -45.64, 3.90
CIELCh	81, 45.803, 175.117
Yxy	58.8694, 0.2503, 0.3721
Android (android.graphics.Color)	4283490497 (0xFF50E0C1)
YUV	177.4100, 7.6859, -85.4286
Hunter-Lab	76.7249, -42.1636, 7.5519

Details

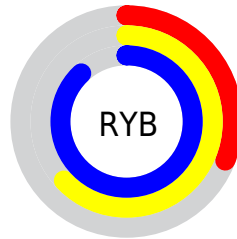
The HunterLab color **76.7249, -42.1636, 7.5519** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted cyan. A complement of this color would be **47.6801, 53.1314, 11.6069**, and the grayscale version is **66.4709, -3.5467, 3.6115**.

A 20% lighter version of the original color is **91.8090, -35.5325, -1.9278**, and **54.6797, -34.5257, 6.1861** is the 20% darker color. If you saturate the color by 10%, you get **76.0524, -45.1350, 8.9032**, and if you desaturate by 10%, it is **77.6087, -38.3983, 6.4154**.

Distribution



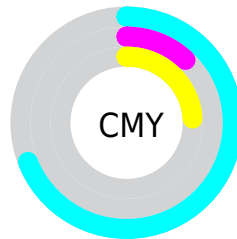
- Red (31%)
- Green (88%)
- Blue (76%)



- Red (31%)
- Yellow (63%)
- Blue (88%)



- Cyan (64%)
- Magenta (0%)
- Yellow (14%)
- Black (12%)





- Cyan (69%)
- Magenta (12%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 76.7249, -42.1636, 7.5519 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 76.7249, -42.1636, 7.5519 by changing the saturation by 10% instead.


 76.7249, -42.1636,
7.5519


 76.7249, -42.1636,
7.5519


205.0409,
-66.6956, 15.8993


 65.1982, -39.0732,
6.7383


 101.5814,
-48.0343, 9.2516


 54.3132, -35.8449,
5.9473


 114.8537,
-50.8489, 10.1355

 44.1122, -32.4425,
5.1794


 128.6584,
-53.6004, 11.0419

 34.6443, -28.8132,
4.4338

 142.9757,
-56.2985, 11.9706

 25.9716, -24.8778,
3.7089

157.7879,
-58.9511, 12.9210

 18.1750, -20.5098,
3.0005

173.0790,

 11.3668, -18.8477,

-61.5647, 13.8928

2.2998

188.8344,
-64.1447, 14.8857

■ 3.6747, -6.4307,
2.5723

0.0000, NaN, NaN

■ 76.7249, -42.1636,
7.5519

■ 76.7249, -42.1636,
7.5519

■ 76.0524, -45.1350,
8.9032

■ 77.6087, -38.3983,
6.4154

■ 75.5699, -47.3522,
10.4353


■ 78.7107, -33.8256,
5.5154


■ 75.2551, -48.8936,
12.1100


■ 80.0397, -28.4587,
4.8704


■ 75.1260, -49.5668,
13.0995


■ 81.5990, -22.3309,
4.4911

 83.3886, -15.4911,
4.3820

 85.4058, -7.9993,
4.5416

 87.6457, 0.0781,
4.9640

 89.6526, 7.1739,
5.0856

 89.8071, 7.9988,
2.8835

Harmonies

Analogous

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



76.7264, -36.0675, 23.9582



76.7249, -42.1636, 7.5519



76.7264, -39.0477, -15.1356

Triad

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



76.7264, -42.1641, 7.5528



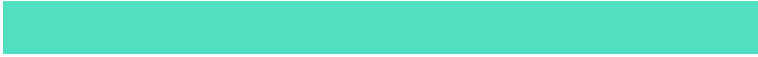
76.7264, 14.8740, -42.4352



76.7264, 21.8709, 30.5768

Complementary

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



76.7249, -42.1636, 7.5519



47.6801, 53.1314, 11.6069

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.



76.7264, 38.5014, 19.4901



76.7249, -42.1636, 7.5519



76.7264, 34.1506, -22.8633

Square

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



76.7264, -42.1641, 7.5528



76.7264, -7.6975, -48.2956



76.7264, 43.2315, 0.6393



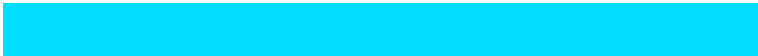
76.7264, -0.4310, 34.6184

Rectangle

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



76.7249, -42.1636, 7.5519



76.7264, -31.9553, -30.5241



76.7264, 43.2315, 0.6393



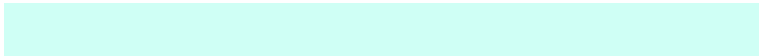
76.7264, 28.4056, 27.7361

Sweetspot

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



76.7264, -42.1641, 7.5528



95.5442, -21.8860, 5.0976



75.6872, -50.6487, 39.8053



43.9314, -11.1680, 2.3806

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.7264, -42.1641, 7.5528



87.8803, -53.2096, 10.8714



64.0617, -18.0973, -26.1129



39.3944, -5.5790, 2.0674



57.3307, -37.7221, 9.7728



15.1359, -9.6755, 1.9680

Inverse Universe

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



47.6801, 53.1314, 11.6069



50.2893, 72.1853, 17.7596



54.8221, 31.0564, 26.1157



37.0791, 1.6771, 2.1920



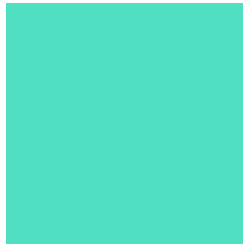
30.5998, 52.8578, 16.2473



8.1378, 14.2172, 3.0805

Previews

White Background



This preview shows how the HunterLab color 76.7249, -42.1636, 7.5519 looks on a white background.

Color Contrast Check

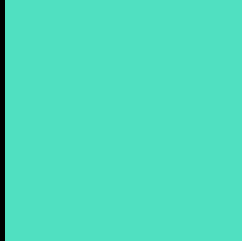
Large Text (above 18pt) WCAG AA × Fail

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 76.7249, -42.1636, 7.5519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

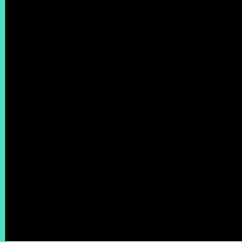
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

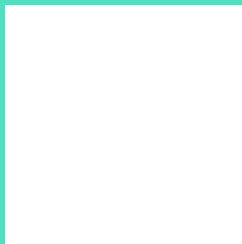
Any Text WCAG AAA ✓ Pass

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

HunterLab 76.7249, -42.1636, 7.5519 Background



This preview shows how black text looks on a background with the HunterLab color 76.7249, -42.1636, 7.5519.



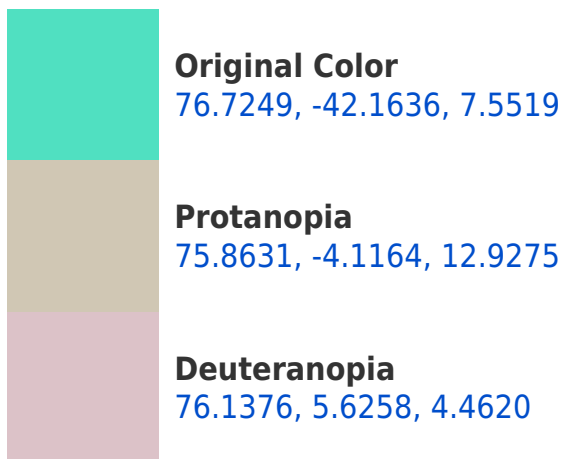
This preview shows how white text looks on a background with the HunterLab color 76.7249,

-42.1636, 7.5519.

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





Tritanopia

76.6783, -28.8521, -14.6175

Trichromacy



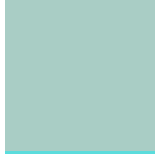
Original Color

76.7249, -42.1636, 7.5519



Protanomaly

74.9611, -21.6193, 9.5087



Deuteranomaly

74.9192, -16.0984, 4.0794



Tritanomaly

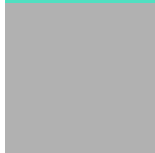
76.5362, -34.0585, -5.8878

Monochromacy



Original Color

76.7249, -42.1636, 7.5519



Achromatopsia

66.3066, -3.5380, 3.6026



Achromatomaly

69.1037, -20.2062, 3.7901

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.7249, -42.1636, 7.5519 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(80, 224, 193)` looks like.

```
.text, #text, p{  
  color:rgb(80, 224, 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(80, 224, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 224, 193) }
```

Border

The CSS property to change the border of an element to HunterLab 76.7249, -42.1636, 7.5519 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(80, 224, 193) }
```


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

```
.border{ border-color:rgb(80, 224, 193) }
```

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

Here you see how a box with a 4 pixel rgb(80, 224, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 224, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 224, 193);  
box-shadow:4px 4px 4px 4px rgb(80, 224,  
193) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.7249, -42.1636, 7.5519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 224, 193) }
```

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

```
.background{ background-color: rgb(80, 224,  
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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