

Converting Colors

HunterLab(74.5254, -42.2930,
7.8949)

Have a look what the booklet for
HunterLab(74.5254, -42.2930,
7.8949) contains.

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Color

**HunterLab(74.5339,
-42.2380, 7.7896)**

Conversions

Conversions Part 1

Format	Color
Hex	46DBBB
RGB	70, 219, 187
RGB Percent	27%, 86%, 73%
CMY	0.7255, 0.1412, 0.2667
CMYK	0.68, 0.00, 0.15, 0.14
HSL	167°, 67%, 57%
HSV	167°, 68%, 86%
XYZ	36.8270, 55.5530, 55.7956
YIQ	170.8010, -78.5320, -41.5400

Conversions

Conversions Part 2

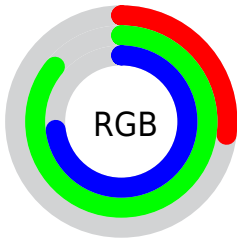
Format	Color
RYB	70, 153, 219
Decimal	4643771
CIELab	79.36, -46.52, 4.37
CIELCh	79, 46.721, 174.637
Yxy	55.5552, 0.2485, 0.3749
Android (android.graphics.Color)	4282833851 (0xFF46DBBB)
YUV	170.8010, 7.9861, -88.4025
Hunter-Lab	74.5339, -42.2380, 7.7896

Details

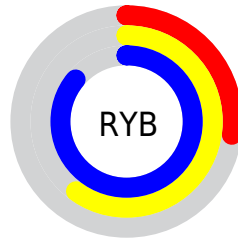
The HunterLab color **74.5339, -42.2380, 7.7896** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **45.1677, 54.5468, 12.2836**, and the grayscale version is **63.7261, -3.4003, 3.4624**.

A 20% lighter version of the original color is **91.2279, -38.1592, 0.4376**, and **52.8352, -33.6761, 6.6576** is the 20% darker color. If you saturate the color by 10%, you get **73.9497, -44.8548, 9.1699**, and if you desaturate by 10%, it is **75.3181, -38.8606, 6.6081**.

Distribution



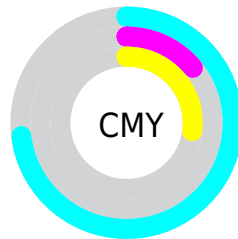
- Red (27%)
- Green (86%)
- Blue (73%)



- Red (27%)
- Yellow (60%)
- Blue (86%)



- Cyan (68%)
- Magenta (0%)
- Yellow (15%)
- Black (14%)





- Cyan (73%)
- Magenta (14%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 74.5339, -42.2380, 7.7896 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 74.5339, -42.2380, 7.7896 by changing the saturation by 10% instead.


 74.5339, -42.2380,
7.7896


 74.5339, -42.2380,
7.7896


201.9933,
-67.2284, 16.2680


 63.1240, -39.0720,
6.9570


 99.1735, -48.2382,
9.5235


 52.3630, -35.7582,
6.1455


 112.3444,
-51.1095, 10.4231

 42.2942, -32.2570,
5.3551


 126.0516,
-53.9136, 11.3445

 32.9691, -28.5103,
4.5844

 140.2750,
-56.6609, 12.2874

 24.4525, -24.4303,
3.8305

154.9965,
-59.3596, 13.2515

 16.8299, -19.8751,
3.0876

170.1997,

 10.2220, -17.8885,

-62.0168, 14.2365

2.3822

185.8698,
-64.6381, 15.2421

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.5339, -42.2380,
7.7896

■ 74.5339, -42.2380,
7.7896

■ 73.9497, -44.8548,
9.1699

■ 75.3181, -38.8606,
6.6081

■ 73.5427, -46.7614,
10.7133

■ 76.3109, -34.6995,
5.6489

■ 73.2841, -48.0665,
12.3751


■ 77.5223, -29.7593,
4.9322


■ 73.2408, -48.2919,
12.7037

■ 78.9567, -24.0654,
4.4710

■ 80.6154, -17.6600,

4.2716

 82.4966, -10.5981,
4.3348

 84.5964, -2.9421,
4.6561

 86.9087, 5.2413,
5.2272

 88.0913, 9.4892,
4.3895

Harmonies

Analogous

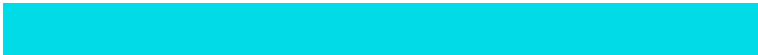
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.5354, -35.9877, 24.1076



74.5339, -42.2380, 7.7896



74.5354, -39.2670, -15.1484

Triad

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



74.5354, -42.2385, 7.7904



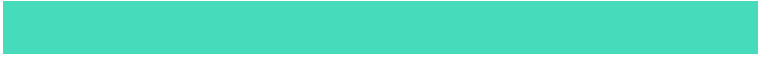
74.5354, 14.8600, -43.6895



74.5354, 22.6539, 30.3560

Complementary

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



74.5339, -42.2380, 7.7896



45.1677, 54.5468, 12.2836

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.



74.5354, 39.4045, 19.2114



74.5339, -42.2380, 7.7896



74.5354, 34.5451, -23.8024

Square

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



74.5354, -42.2385, 7.7904



74.5354, -7.9690, -49.4283



74.5354, 43.9939, 0.1202



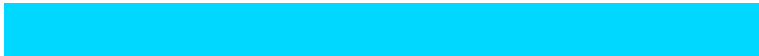
74.5354, 0.0926, 34.4329

Rectangle

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



74.5339, -42.2380, 7.7896



74.5354, -32.2505, -30.9016



74.5354, 43.9939, 0.1202



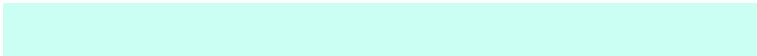
74.5354, 29.2521, 27.5070

Sweetspot

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



74.5354, -42.2385, 7.7904



95.3372, -22.6767, 5.0995



73.4499, -50.8905, 39.6904



43.8438, -11.5051, 2.3844

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



74.5354, -42.2385, 7.7904



87.6106, -54.4500, 11.7295



61.4634, -17.5516, -27.0843



38.4437, -5.4349, 2.0153



56.4117, -37.0954, 9.5687



14.4007, -9.1847, 1.8274

Inverse Universe

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



45.1677, 54.5468, 12.2836



48.9472, 75.1413, 19.5394



52.0964, 32.6555, 26.0776



36.1899, 1.6260, 2.1410



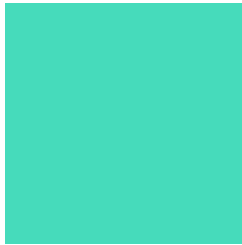
30.1082, 52.0099, 15.9768



7.7468, 13.5455, 2.8440

Previews

White Background



This preview shows how the HunterLab color 74.5339, -42.2380, 7.7896 looks on a white background.

Color Contrast Check

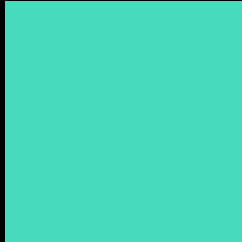
Large Text (above 18pt) WCAG AA × Fail

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 74.5339, -42.2380, 7.7896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

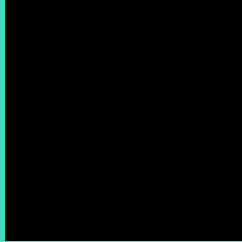
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

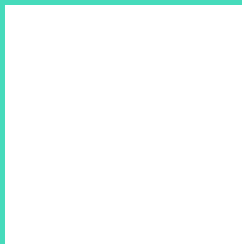
Any Text WCAG AAA ✓ Pass

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

HunterLab 74.5339, -42.2380, 7.7896 Background



This preview shows how black text looks on a background with the HunterLab color 74.5339, -42.2380, 7.7896.



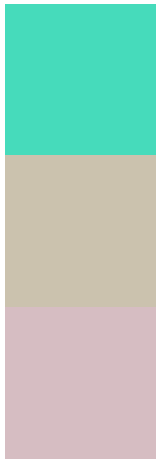
This preview shows how white text looks on a background with the HunterLab color 74.5339,

-42.2380, 7.7896.

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

74.5339, -42.2380, 7.7896

Protanopia

73.7130, -4.1416, 13.1400

Deuteranopia

73.8826, 5.1961, 4.6589



Tritanopia

74.4818, -28.9839, -14.2055

Trichromacy



Original Color

74.5339, -42.2380, 7.7896



Protanomaly

72.7565, -21.8032, 9.6964



Deuteranomaly

72.6302, -16.6104, 4.2267



Tritanomaly

74.3606, -34.0996, -5.5012

Monochromacy



Original Color

74.5339, -42.2380, 7.7896



Achromatopsia

63.8154, -3.4050, 3.4672



Achromatomaly

66.4899, -20.3808, 3.5232

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 74.5339, -42.2380, 7.7896 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(70, 219, 187)` looks like.

```
.text, #text, p{  
    color:rgb(70, 219, 187)  
}
```

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(70, 219, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 219, 187) }
```

Border

The CSS property to change the border of an element to HunterLab 74.5339, -42.2380, 7.7896 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(70, 219, 187) }
```


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

```
.border{ border-color:rgb(70, 219, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 219, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 219, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 219, 187);  
box-shadow:4px 4px 4px 4px rgb(70, 219,  
187) }
```

Background

The CSS property to change the background color of an element to HunterLab 74.5339, -42.2380, 7.7896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 219, 187) }
```

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

```
.background{ background-color: rgb(70, 219,  
187) }
```

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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