

# Converting Colors

HunterLab(74.5072, -39.4795,  
4.2200)

Have a look what the booklet for  
HunterLab(74.5072, -39.4795,  
4.2200) contains.

<b>HunterLab(74.6342, -39.5744, 4.2813)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(74.6342,  
-39.5744, 4.2813)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4EDAC3
RGB	78, 218, 195
RGB Percent	31%, 85%, 76%
CMY	0.6941, 0.1451, 0.2353
CMYK	0.64, 0.00, 0.11, 0.15
HSL	170°, 65%, 58%
HSV	170°, 64%, 85%
XYZ	38.0636, 55.7026, 60.3753
YIQ	173.5180, -76.0570, -36.8330

# Conversions

## Conversions Part 2

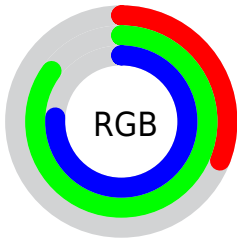
Format	Color
<a href="#">RYB</a>	<a href="#">78, 154, 218</a>
Decimal	<a href="#">5167811</a>
CIELab	<a href="#">79.45, -42.85, 0.25</a>
CIELCh	<a href="#">79, 42.851, 179.665</a>
Yxy	<a href="#">55.7048, 0.2469, 0.3614</a>
Android (android.graphics.Color)	<a href="#">4283357891</a> ( <a href="#">0xFF4EDAC3</a> )
YUV	<a href="#">173.5180, 10.5906, -83.7693</a>
Hunter-Lab	<a href="#">74.6342, -39.5744, 4.2813</a>

# Details

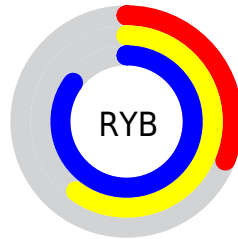
The HunterLab color **74.6342, -39.5744, 4.2813** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **46.1469, 50.7139, 13.5022**, and the grayscale version is **64.8407, -3.4597, 3.5229**.

A 20% lighter version of the original color is **91.7801, -35.5059, -3.0256**, and **52.6913, -32.1533, 3.5502** is the 20% darker color. If you saturate the color by 10%, you get **74.0077, -42.2868, 5.1805**, and if you desaturate by 10%, it is **75.4633, -36.1042, 3.6145**.

# Distribution



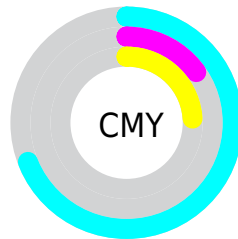
- Red (31%)
- Green (85%)
- Blue (76%)



- Red (31%)
- Yellow (60%)
- Blue (85%)



- Cyan (64%)
- Magenta (0%)
- Yellow (11%)
- Black (15%)




- Cyan (69%)
- Magenta (15%)
- Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.6342, -39.5744, 4.2813 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 74.6342, -39.5744, 4.2813 by changing the saturation by 10% instead.





 74.6342, -39.5744,  
4.2813


 74.6342, -39.5744,  
4.2813


202.1331,  
-63.0441, 11.3090


 63.2189, -36.6264,  
3.6489


 99.2839, -45.1782,  
5.6458

 52.4521, -33.5475,  
3.0503


 112.4594,  
-47.8673, 6.3733

 42.3773, -30.3021,  
2.4884


 126.1711,  
-50.4979, 7.1295

 33.0455, -26.8378,  
1.9659

 140.3988,  
-53.0793, 7.9135

 24.5216, -23.0749,  
1.4860

155.1245,  
-55.6189, 8.7242

 16.8910, -18.8837,  
1.0529

170.3317,

 10.2738, -17.9791,

-58.1229, 9.5609

0.6721

186.0058,  
-60.5966, 10.4227

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.6342, -39.5744,  
4.2813

■ 74.6342, -39.5744,  
4.2813

■ 74.0077, -42.2868,  
5.1805

■ 75.4633, -36.1042,  
3.6145

■ 73.5632, -44.2817,  
6.2821

■ 76.5021, -31.8609,  
3.1974

■ 73.2794, -45.6353,  
7.5511


■ 77.7590, -26.8546,  
3.0439

■ 73.1640, -46.2209,  
8.3290


■ 79.2376, -21.1145,  
3.1602

■ 80.9382, -14.6852,

3.5465

 82.8585, -7.6221,  
4.1976

 84.9940, 0.0126,  
5.1038

 87.3383, 8.1535,  
6.2523

 87.7290, 9.6761,  
4.9963

# Harmonies

## Analogous

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



74.6356, -35.1584, 20.6819



74.6342, -39.5744, 4.2813



74.6356, -35.3497, -17.0702

# Triad

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



74.6356, -39.5749, 4.2822



74.6356, 16.6236, -36.6016



74.6356, 17.0668, 29.7945

# Complementary

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



74.6342, -39.5744, 4.2813



46.1469, 50.7139, 13.5022

# 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.



74.6356, 33.6004, 20.3937



74.6342, -39.5744, 4.2813



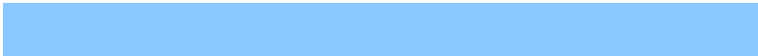
74.6356, 33.3256, -17.5567

# Square

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



74.6356, -39.5749, 4.2822



74.6356, -4.2174, -44.2273



74.6356, 39.8443, 3.8424



74.6356, -3.7550, 32.7511

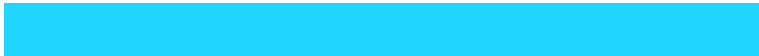


# Rectangle

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



74.6342, -39.5744, 4.2813



74.6356, -27.9086, -30.7006



74.6356, 39.8443, 3.8424



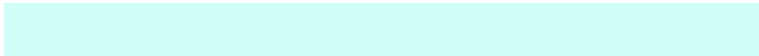
74.6356, 23.3889, 27.4358

# Sweetspot

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



74.6356, -39.5749, 4.2822



95.6235, -21.4379, 3.9671



73.1308, -50.2321, 38.3389



43.9736, -10.9288, 1.7797

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



74.6356, -39.5749, 4.2822



88.1776, -51.4201, 6.6170



59.9464, -14.3122, -28.9177



38.4589, -5.3500, 1.7979



56.6413, -35.7023, 6.2743



14.4515, -8.8777, 1.1013



# Inverse Universe

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



46.1469, 50.7139, 13.5022



50.1057, 71.4521, 20.4380



54.8091, 26.4794, 26.4385



36.1749, 1.5455, 2.3544



30.0268, 51.7090, 17.1772

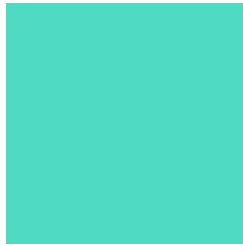


7.7139, 13.4246, 3.3238



# Previews

## White Background



This preview shows how the HunterLab color 74.6342, -39.5744, 4.2813 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

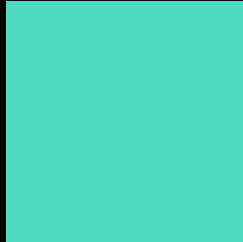
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 74.6342, -39.5744, 4.2813 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

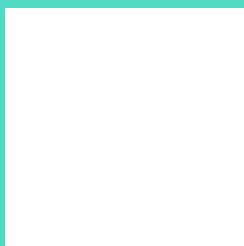
Any Text WCAG AAA ✓ Pass

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

## HunterLab 74.6342, -39.5744, 4.2813 Background



This preview shows how black text looks on a background with the HunterLab color 74.6342, -39.5744, 4.2813.



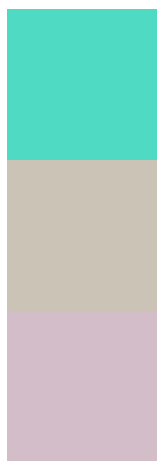
This preview shows how white text looks on a background with the HunterLab color 74.6342, -39.5744, 4.2813.

-39.5744, 4.2813.

# 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

74.6342, -39.5744, 4.2813

### Protanopia

74.1378, -3.7818, 10.2245

### Deuteranopia

73.7978, 5.3477, 1.1723



## Tritanopia

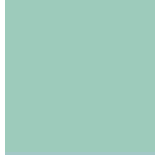
74.5847, -28.5914, -14.0529

# Trichromacy



## Original Color

74.6342, -39.5744, 4.2813



## Protanomaly

73.1217, -19.9910, 6.5867



## Deuteranomaly

72.9511, -14.9448, 0.7760



## Tritanomaly

74.6226, -32.8765, -6.7510

# Monochromacy



## Original Color

74.6342, -39.5744, 4.2813



## Achromatopsia

65.0590, -3.4714, 3.5348



## Achromatomaly

67.5968, -19.2581, 2.4982

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 74.6342, -39.5744, 4.2813 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(78, 218, 195)` looks like.

```
.text, #text, p{  
    color:rgb(78, 218, 195)  
}
```

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(78, 218, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 218, 195) }
```

## Border

The CSS property to change the border of an element to HunterLab 74.6342, -39.5744, 4.2813 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(78, 218, 195) }
```



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

```
.border{ border-color:rgb(78, 218, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 218, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 218, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 218, 195);  
box-shadow:4px 4px 4px 4px rgb(78, 218,  
195) }
```

# Background

The CSS property to change the background color of an element to HunterLab 74.6342, -39.5744, 4.2813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 218, 195) }
```

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

```
.background{ background-color: rgb(78, 218,  
195) }
```

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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