

# Converting Colors

HunterLab(76.2317, -40.2903,  
5.1844)

Have a look what the booklet for  
HunterLab(76.2317, -40.2903,  
5.1844) contains.

<b>HunterLab(76.2317, -40.2903, 5.1844)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(76.2317,  
-40.2903, 5.1844)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53DEC5
RGB	83, 222, 197
RGB Percent	33%, 87%, 77%
CMY	0.6745, 0.1294, 0.2274
CMYK	0.63, 0.00, 0.11, 0.13
HSL	169°, 68%, 60%
HSV	169°, 63%, 87%
XYZ	39.7665, 58.1127, 61.9443
YIQ	177.5890, -74.8190, -37.2430

# Conversions

## Conversions Part 2

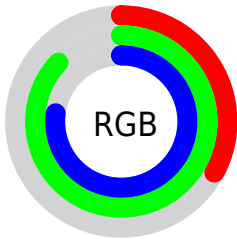
Format	Color
<a href="#">RYB</a>	<a href="#">83, 159, 222</a>
Decimal	<a href="#">5496517</a>
CIELab	<a href="#">80.80, -43.28, 1.18</a>
CIELCh	<a href="#">81, 43.300, 178.439</a>
Yxy	<a href="#">58.1150, 0.2488, 0.3636</a>
Android (android.graphics.Color)	<a href="#">4283686597 (0xFF53DEC5)</a>
YUV	<a href="#">177.5890, 9.5696, -82.9546</a>
Hunter-Lab	<a href="#">76.2317, -40.2903, 5.1844</a>

# Details

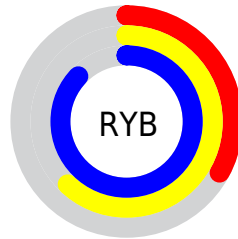
The HunterLab color **76.2317, -40.2903, 5.1844** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **47.7497, 50.7385, 12.6927**, and the grayscale version is **66.5374, -3.5503, 3.6151**.

A 20% lighter version of the original color is **92.0797, -34.1586, -4.2347**, and **54.0885, -33.2913, 4.2606** is the 20% darker color. If you saturate the color by 10%, you get **75.5520, -43.2369, 6.2013**, and if you desaturate by 10%, it is **77.1213, -36.5619, 4.4022**.

# Distribution



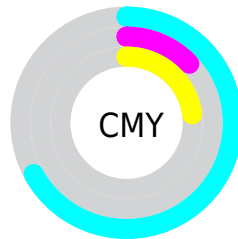
- Red (33%)
- Green (87%)
- Blue (77%)



- Red (33%)
- Yellow (62%)
- Blue (87%)



- Cyan (63%)
- Magenta (0%)
- Yellow (11%)
- Black (13%)




- Cyan (67%)
- Magenta (13%)
- Yellow (23%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.2317, -40.2903, 5.1844 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 76.2317, -40.2903, 5.1844 by changing the saturation by 10% instead.





 76.2317, -40.2903,  
5.1844


 76.2317, -40.2903,  
5.1844


204.3561,  
-63.8763, 12.5674

 64.7311, -37.3325,  
4.5035


 101.0397,  
-45.9174, 6.6390


 53.8738, -34.2460,  
3.8534


 114.2893,  
-48.6192, 7.4085

 43.7022, -30.9963,  
3.2365


 128.0722,  
-51.2629, 8.2051

 34.2662, -27.5331,  
2.6546

 142.3685,  
-53.8575, 9.0281

 25.6283, -23.7806,  
2.1098

157.1604,  
-56.4106, 9.8764

 17.8703, -19.6165,  
1.6040

172.4319,

 11.1066, -18.1498,

-58.9282, 10.7496

1.1395

188.1682,  
-61.4153, 11.6467

■ 2.9810, -5.2167,  
1.8019

0.0000, NaN, NaN

■ 76.2317, -40.2903,  
5.1844

■ 76.2317, -40.2903,  
5.1844

■ 75.5520, -43.2369,  
6.2013

■ 77.1213, -36.5619,  
4.4022

■ 75.0619, -45.4375,  
7.4224


■ 78.2272, -32.0408,  
3.8723


■ 74.7408, -46.9636,  
8.8127


■ 79.5574, -26.7417,  
3.6092


■ 74.5820, -47.7735,  
9.9081


■ 81.1148, -20.6983,  
3.6193

 82.8992, -13.9591,  
3.9033

 84.9078, -6.5830,  
4.4561

 87.1355, 1.3650,  
5.2685

 88.9712, 7.8068,  
5.5868

 89.0978, 8.4825,  
3.7798

# Harmonies

## Analogous

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



76.2332, -35.4367, 21.5983



76.2317, -40.2903, 5.1844



76.2332, -36.3450, -16.4380

# Triad

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



76.2332, -40.2908, 5.1853



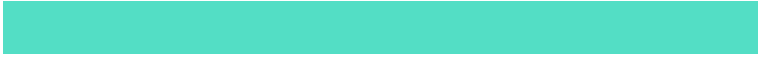
76.2332, 16.0670, -37.7987



76.2332, 18.1684, 30.1039

# Complementary

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



76.2317, -40.2903, 5.1844



47.7497, 50.7385, 12.6927

# 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.



76.2332, 34.6632, 20.2298



76.2317, -40.2903, 5.1844



76.2332, 33.3608, -18.7436

# Square

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



76.2332, -40.2908, 5.1853



76.2332, -5.1651, -44.9273



76.2332, 40.4981, 3.0991



76.2332, -2.9721, 33.3670

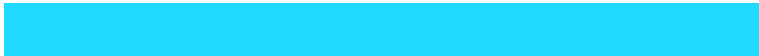


# Rectangle

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



76.2317, -40.2903, 5.1844



76.2332, -28.9872, -30.4345



76.2332, 40.4981, 3.0991



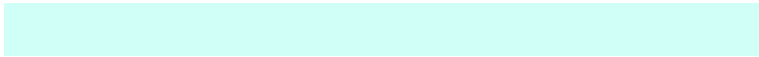
76.2332, 24.5217, 27.6064

# Sweetspot

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



76.2332, -40.2908, 5.1853



95.5992, -21.5753, 4.3137



74.8919, -50.1963, 38.7896



43.9606, -11.0022, 1.9641

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



76.2332, -40.2908, 5.1853



88.2047, -51.4411, 7.6567



62.4093, -15.7723, -27.4754



39.4054, -5.5179, 1.9107



57.4925, -36.7390, 7.4482



15.1733, -9.4489, 1.4320



# Inverse Universe

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



47.7497, 50.7385, 12.6927



50.7773, 70.2833, 18.9831



55.9813, 27.2763, 26.3045



37.0683, 1.6191, 2.3460



30.5396, 52.6352, 17.1352

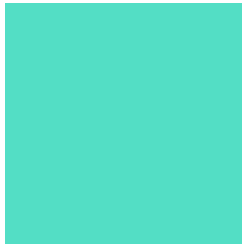


8.1146, 14.1319, 3.4191



# Previews

## White Background



This preview shows how the HunterLab color 76.2317, -40.2903, 5.1844 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

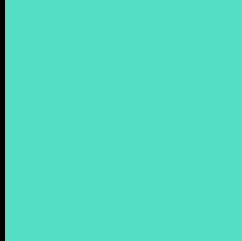
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 76.2317, -40.2903, 5.1844 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

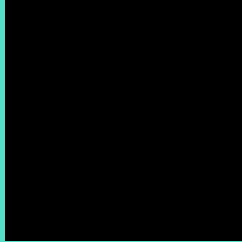
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

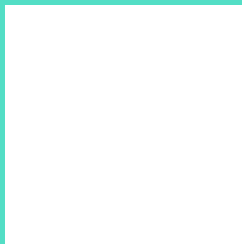
Any Text WCAG AAA ✓ Pass

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

# HunterLab 76.2317, -40.2903, 5.1844 Background



This preview shows how black text looks on a background with the HunterLab color 76.2317, -40.2903, 5.1844.



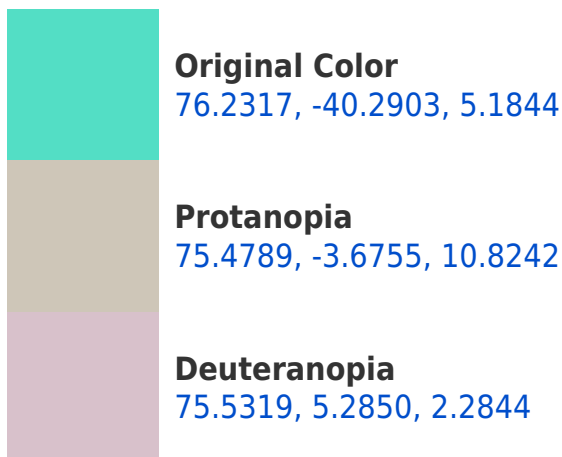
This preview shows how white text looks on a background with the HunterLab color 76.2317, -40.2903, 5.1844.

-40.2903, 5.1844.

# 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

76.2646, -28.8384, -14.0272

# Trichromacy



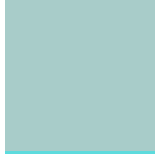
## Original Color

76.2317, -40.2903, 5.1844



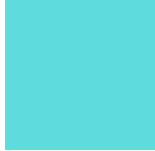
## Protanomaly

74.7508, -20.5007, 7.5158



## Deuteranomaly

74.6509, -15.1860, 1.8459



## Tritanomaly

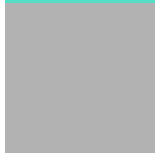
76.2959, -33.1574, -6.7265

# Monochromacy



## Original Color

76.2317, -40.2903, 5.1844



## Achromatopsia

66.7234, -3.5602, 3.6252



## Achromatomaly

69.2286, -19.6213, 3.0052

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 76.2317, -40.2903, 5.1844 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(83, 222, 197)` looks like.

```
.text, #text, p{  
    color:rgb(83, 222, 197)  
}
```

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(83, 222, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 222, 197) }
```

## Border

The CSS property to change the border of an element to HunterLab 76.2317, -40.2903, 5.1844 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(83, 222, 197) }
```



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

```
.border{ border-color:rgb(83, 222, 197) }
```

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

Here you see how a box with a 4 pixel rgb(83, 222, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 222, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 222, 197);  
box-shadow:4px 4px 4px 4px rgb(83, 222,  
197) }
```

# Background

The CSS property to change the background color of an element to HunterLab 76.2317, -40.2903, 5.1844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 222, 197) }
```

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

```
.background{ background-color: rgb(83, 222,  
197) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor