

# Converting Colors

HunterLab(76.6726, -43.8206,  
4.6896)

Have a look what the booklet for  
HunterLab(76.6726, -43.8206,  
4.6896) contains.

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# Color

**HunterLab(76.6721,  
-43.8239, 4.6946)**

# Conversions

## Conversions Part 1

Format	Color
Hex	37E1C7
RGB	55, 225, 199
RGB Percent	22%, 88%, 78%
CMY	0.7843, 0.1176, 0.2196
CMYK	0.76, 0.00, 0.12, 0.12
HSL	171°, 74%, 55%
HSV	171°, 76%, 88%
XYZ	38.8095, 58.7861, 63.3342
YIQ	171.2060, -92.9740, -44.1260

# Conversions

## Conversions Part 2

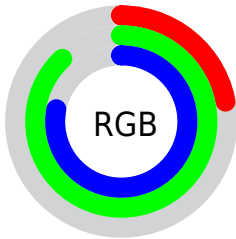
Format	Color
<a href="#">RYB</a>	<a href="#">55, 147, 225</a>
Decimal	<a href="#">3662279</a>
CIELab	<a href="#">81.18, -47.91, 0.59</a>
CIELCh	<a href="#">81, 47.917, 179.293</a>
Yxy	<a href="#">58.7884, 0.2412, 0.3653</a>
Android (android.graphics.Color)	<a href="#">4281852359 (0xFF37E1C7)</a>
YUV	<a href="#">171.2060, 13.7024, -101.9127</a>
Hunter-Lab	<a href="#">76.6721, -43.8239, 4.6946</a>

# Details

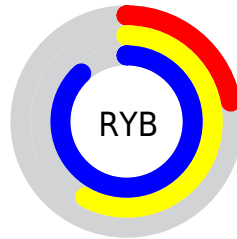
The HunterLab color **76.6721, -43.8239, 4.6946** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **43.9723, 60.6802, 17.6585**, and the grayscale version is **63.8754, -3.4082, 3.4705**.

A 20% lighter version of the original color is **91.2848, -37.1201, -5.8488**, and **55.1546, -34.0626, 4.5931** is the 20% darker color. If you saturate the color by 10%, you get **76.2451, -45.7498, 5.7737**, and if you desaturate by 10%, it is **77.2895, -41.1647, 3.8292**.

# Distribution



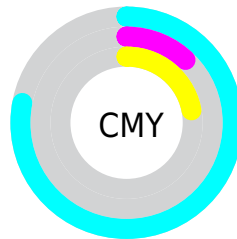
- Red (22%)
- Green (88%)
- Blue (78%)



- Red (22%)
- Yellow (58%)
- Blue (88%)



- Cyan (76%)
- Magenta (0%)
- Yellow (12%)
- Black (12%)




- Cyan (78%)
- Magenta (12%)
- Yellow (22%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.6721, -43.8239, 4.6946 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 76.6721, -43.8239, 4.6946 by changing the saturation by 10% instead.





 76.6721, -43.8239,  
4.6946

 76.6721, -43.8239,  
4.6946


204.9676,  
-69.2964, 11.8826


 65.1481, -40.5989,  
4.0404


 101.5234,  
-49.9391, 6.0997


 54.2662, -37.2261,  
3.4186


 114.7932,  
-52.8664, 6.8461

 44.0682, -33.6665,  
2.8320


 128.5956,  
-55.7252, 7.6206

 34.6038, -29.8643,  
2.2830

 142.9107,  
-58.5260, 8.4221

 25.9348, -25.7355,  
1.7740

157.7207,  
-61.2771, 9.2499

 18.1423, -21.1468,  
1.3085

173.0097,

 11.3389, -19.7449,

-63.9855, 10.1030

0.8907

188.7631,  
-66.6570, 10.9808

■ 3.6069, -6.3120,  
0.8755

0.0000, NaN, NaN

■ 76.6721, -43.8239,  
4.6946

■ 76.6721, -43.8239,  
4.6946

■ 76.2451, -45.7498,  
5.7737

■ 77.2895, -41.1647,  
3.8292


■ 75.9789, -47.0266,  
7.0255


■ 78.1107, -37.7223,  
3.2038


■ 75.8919, -47.4678,  
7.6112


■ 79.1498, -33.4781,  
2.8407


■ 80.4148, -28.4382,  
2.7533

 81.9099, -22.6296,  
2.9483

 83.6360, -16.0962,  
3.4257

 85.5910, -8.8940,  
4.1800

 87.7707, -1.0867,  
5.2008

 89.9022, 6.3662,  
6.1488

# Harmonies

## Analogous

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



76.6736, -38.8283, 22.8470



76.6721, -43.8239, 4.6946



76.6736, -39.2752, -19.6490

# Triad

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



76.6736, -43.8243, 4.6955



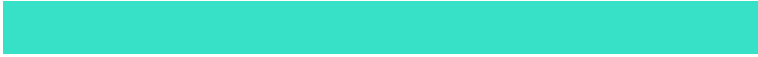
76.6736, 18.9938, -42.8710



76.6736, 20.0597, 32.4451

# Complementary

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



76.6721, -43.8239, 4.6946



43.9723, 60.6802, 17.6585

# 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.



76.6736, 38.8540, 22.1807



76.6721, -43.8239, 4.6946



76.6736, 38.1889, -20.8342

# Square

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



76.6736, -43.8243, 4.6955



76.6736, -4.6451, -51.5938



76.6736, 45.8468, 3.6479



76.6736, -3.5438, 35.6527

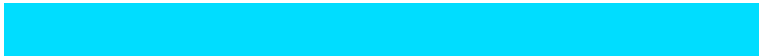


# Rectangle

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



76.6721, -43.8239, 4.6946



76.6736, -31.0933, -35.5044



76.6736, 45.8468, 3.6479



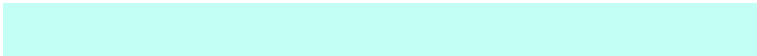
76.6736, 27.2476, 29.8921

# Sweetspot

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



76.6736, -43.8243, 4.6955



94.8464, -24.3517, 3.4998



74.8216, -56.4728, 42.2510



43.5653, -12.4727, 1.5507

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



76.6736, -43.8243, 4.6955



87.6600, -53.6984, 7.5105



58.6340, -13.6170, -36.1420



39.4137, -5.4713, 1.7913



57.6213, -35.9589, 5.6033



15.2029, -9.2706, 1.0103



# Inverse Universe

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



43.9723, 60.6802, 17.6585



47.0965, 77.9794, 25.2716



52.7263, 34.6836, 29.0312



37.0601, 1.5751, 2.4626



30.5008, 52.4917, 17.7081

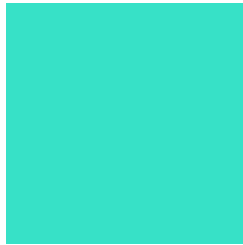


8.0970, 14.0669, 3.6773



# Previews

## White Background



This preview shows how the HunterLab color 76.6721, -43.8239, 4.6946 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

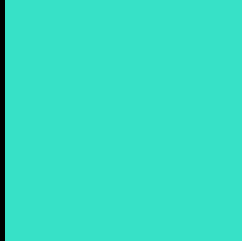
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 76.6721, -43.8239, 4.6946 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

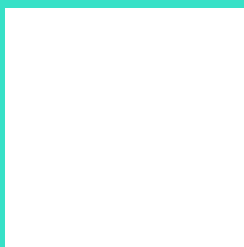
Any Text WCAG AAA ✓ Pass

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

## HunterLab 76.6721, -43.8239, 4.6946 Background



This preview shows how black text looks on a background with the HunterLab color 76.6721, -43.8239, 4.6946.



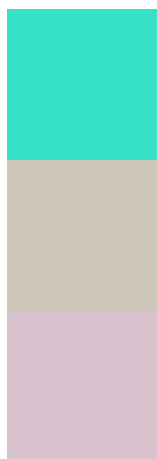
This preview shows how white text looks on a background with the HunterLab color 76.6721,

-43.8239, 4.6946.

# 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

76.6721, -43.8239, 4.6946

### Protanopia

75.9046, -3.6987, 10.8551

### Deuteranopia

75.9202, 5.2729, 1.2722



## Tritanopia

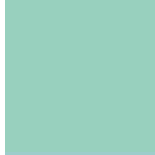
76.4180, -31.5166, -15.6261

# Trichromacy



## Original Color

76.6721, -43.8239, 4.6946



## Protanomaly

74.5016, -23.0428, 6.7355



## Deuteranomaly

74.2580, -18.1386, 0.3285



## Tritanomaly

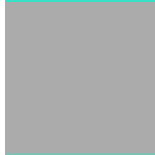
76.3824, -36.2158, -7.7575

# Monochromacy



## Original Color

76.6721, -43.8239, 4.6946



## Achromatopsia

63.8154, -3.4050, 3.4672



## Achromatomaly

67.2792, -22.1611, 2.5443

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 76.6721, -43.8239, 4.6946 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(55, 225, 199)` looks like.

```
.text, #text, p{  
  color:rgb(55, 225, 199)  
}
```

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(55, 225, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 225, 199) }
```

## Border

The CSS property to change the border of an element to HunterLab 76.6721, -43.8239, 4.6946 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(55, 225, 199) }
```



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

```
.border{ border-color:rgb(55, 225, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 225, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 225, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 225, 199);  
box-shadow:4px 4px 4px 4px rgb(55, 225,  
199) }
```

# Background

The CSS property to change the background color of an element to HunterLab 76.6721, -43.8239, 4.6946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 225, 199) }
```

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

```
.background{ background-color: rgb(55, 225,  
199) }
```

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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