

Converting Colors

HunterLab(76.7069, -37.6423,
-5.9631)

Have a look what the booklet for
HunterLab(76.7069, -37.6423,
-5.9631) contains.

HunterLab(76.5527, -37.5403, -5.9272)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(76.5527,
-37.5403, -5.9272)**

Conversions

Conversions Part 1

Format	Color
Hex	43DEDC
RGB	67, 222, 220
RGB Percent	26%, 87%, 86%
CMY	0.7372, 0.1294, 0.1372
CMYK	0.70, 0.00, 0.01, 0.13
HSL	179°, 70%, 57%
HSV	179°, 70%, 87%
XYZ	41.3543, 58.6032, 76.8420
YIQ	175.4270, -91.7380, -33.4820

Conversions

Conversions Part 2

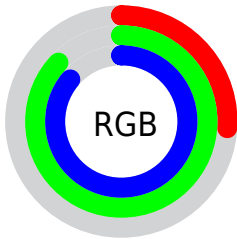
Format	Color
RYB	67, 145, 222
Decimal	4447964
CIELab	81.07, -39.54, -10.70
CIELCh	81, 40.963, 195.136
Yxy	58.6054, 0.2339, 0.3315
Android (android.graphics.Color)	4282638044 (0xFF43DEDC)
YUV	175.4270, 21.9745, -95.0905
Hunter-Lab	76.5527, -37.5403, -5.9272

Details

The HunterLab color **76.5527, -37.5403, -5.9272** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **44.6939, 54.4110, 21.0212**, and the grayscale version is **65.5930, -3.4999, 3.5638**.

A 20% lighter version of the original color is **91.6375, -35.7718, -5.3715**, and **54.7623, -29.2488, -5.3083** is the 20% darker color. If you saturate the color by 10%, you get **76.1250, -39.2462, -6.3612**, and if you desaturate by 10%, it is **77.1759, -35.0974, -5.2309**.

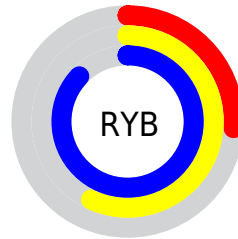
Distribution



Red (26%)

Green (87%)

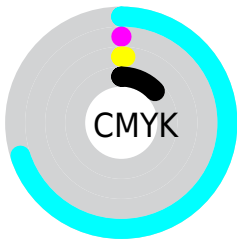
Blue (86%)



Red (26%)

Yellow (57%)

Blue (87%)

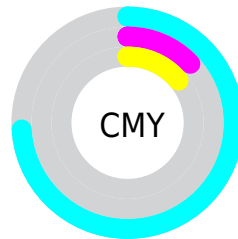


Cyan (70%)

Magenta (0%)

Yellow (1%)

Black (13%)



Cyan (74%)

Magenta (13%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.5527, -37.5403, -5.9272 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 76.5527, -37.5403, -5.9272 by changing the saturation by 10% instead.

76.5527, -37.5403,
-5.9272

76.5527, -37.5403,
-5.9272

204.8018,
-59.5894, -2.4461

65.0350, -34.8022,
-6.0880

101.3923,
-42.7671, -5.4472

54.1597, -31.9526,
-6.1922

114.6566,
-45.2848, -5.1372

43.9690, -28.9608,
-6.2334

128.4537,
-47.7532, -4.7841

34.5122, -25.7824,
-6.2047

142.7637,
-50.1802, -4.3902

25.8516, -22.3500,
-6.0985

157.5688,
-52.5724, -3.9577

18.0684, -18.5544,
-5.9063

172.8531,

11.2758, -16.5668,

-54.9352, -3.4885

-5.6241

188.6018,
-57.2729, -2.9841

■ 3.4485, -6.0348,
-12.6690

0.0000, NaN, NaN

■ 76.5527, -37.5403,
-5.9272

■ 76.5527, -37.5403,
-5.9272

■ 76.1250, -39.2462,
-6.3612

■ 77.1759, -35.0974,
-5.2309

■ 75.8676, -40.2822,
-6.5610


■ 78.0054, -31.8788,
-4.2604


■ 75.7423, -40.7986,
-6.5792


■ 79.0531, -27.8724,
-3.0085

■ 75.7403, -40.8066,
-6.5790

■ 80.3255, -23.0882,
-1.4770

 81.8257, -17.5551,
0.3260

 83.5535, -11.3168,
2.3869

 85.5064, -4.4280,
4.6881

 87.6795, 3.0501,
7.2094

 88.7747, 6.7578,
8.3925

Harmonies

Analogous

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



76.5541, -37.5790, 12.9032



76.5527, -37.5403, -5.9272



76.5541, -29.1819, -26.2717

Triad

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



76.5541, -37.5405, -5.9262



76.5541, 24.8672, -26.1040



76.5541, 5.9441, 31.5969

Complementary

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



76.5527, -37.5403, -5.9272



44.6939, 54.4110, 21.0212

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.



76.5541, 24.7208, 25.6827



76.5527, -37.5403, -5.9272



76.5541, 36.3785, -5.7379

Square

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



76.5541, -37.5405, -5.9262



76.5541, 6.1281, -39.7876



76.5541, 36.3223, 13.0493



76.5541, -13.7965, 31.5709

Rectangle

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



76.5527, -37.5403, -5.9272



76.5541, -19.4764, -36.6079



76.5541, 36.3223, 13.0493



76.5541, 12.6191, 30.3203

Sweetspot

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



76.5541, -37.5405, -5.9262



95.4859, -21.4612, 0.0793



73.4416, -56.5019, 39.9770



43.9424, -10.7873, -0.2440

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.5541, -37.5405, -5.9262



88.8990, -46.5964, -7.5878



52.3098, -2.9968, -46.1510



39.4578, -5.2265, 1.1640



58.3734, -31.4422, -5.0870



15.3716, -8.2586, -1.3852

Inverse Universe

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



44.6939, 54.4110, 21.0212



47.9695, 74.0989, 27.9631



59.3791, 18.7367, 31.6133



37.0181, 1.3487, 3.0632



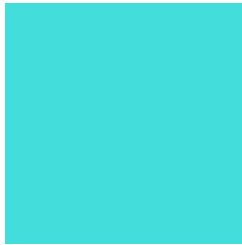
30.3797, 52.0426, 19.5036



8.0047, 13.7254, 5.0396

Previews

White Background



This preview shows how the HunterLab color 76.5527, -37.5403, -5.9272 looks on a white background.

Color Contrast Check

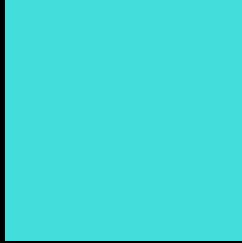
Large Text (above 18pt) WCAG AA × Fail

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 76.5527, -37.5403, -5.9272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

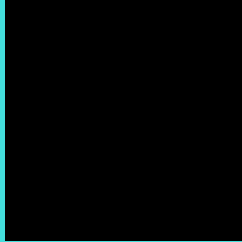
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

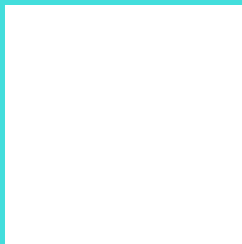
Any Text WCAG AAA ✓ Pass

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

HunterLab 76.5527, -37.5403, -5.9272 Background



This preview shows how black text looks on a background with the HunterLab color 76.5527, -37.5403, -5.9272.



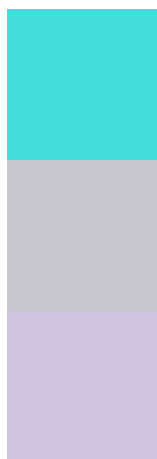
This preview shows how white text looks on a background with the HunterLab color 76.5527,

-37.5403, -5.9272.

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

76.5527, -37.5403, -5.9272

Protanopia

75.9741, -2.2024, 1.2069

Deuteranopia

76.0175, 5.4504, -9.1817



Tritanopia

76.3906, -31.6219, -15.6672

Trichromacy



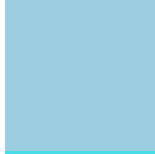
Original Color

76.5527, -37.5403, -5.9272



Protanomaly

74.8360, -18.8110, -3.0416



Deuteranomaly

74.9082, -14.3356, -9.9104



Tritanomaly

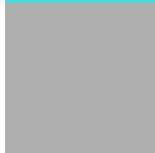
76.4018, -33.7908, -12.1819

Monochromacy



Original Color

76.5527, -37.5403, -5.9272



Achromatopsia

65.4745, -3.4936, 3.5574



Achromatomaly

68.3338, -19.2584, -0.9969

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.5527, -37.5403, -5.9272 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(67, 222, 220)` looks like.

```
.text, #text, p{  
    color:rgb(67, 222, 220)  
}
```

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(67, 222, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 222, 220) }
```

Border

The CSS property to change the border of an element to HunterLab 76.5527, -37.5403, -5.9272 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(67, 222, 220) }
```


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

```
.border{ border-color:rgb(67, 222, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 222, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 222, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 222, 220);  
box-shadow:4px 4px 4px 4px rgb(67, 222,  
220) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.5527, -37.5403, -5.9272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 222, 220) }
```

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

```
.background{ background-color: rgb(67, 222,  
220) }
```

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