

Converting Colors

HunterLab(76.7359, -47.4550,
6.5284)

Have a look what the booklet for
HunterLab(76.7359, -47.4550,
6.5284) contains.

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Color

**HunterLab(76.7322,
-47.4662, 6.5574)**

Conversions

Conversions Part 1

Format	Color
Hex	00E3C3
RGB	0, 227, 195
RGB Percent	0%, 89%, 76%
CMY	0.9998, 0.1098, 0.2353
CMYK	1.00, 0.00, 0.14, 0.11
HSL	172°, 100%, 45%
HSV	172°, 100%, 89%
XYZ	37.3194, 58.8783, 61.0275
YIQ	155.4790, -125.0200, -58.0760

Conversions

Conversions Part 2

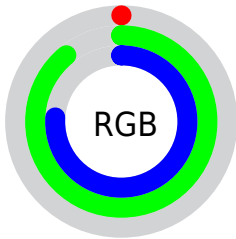
Format	Color
RYB	0, 122, 227
Decimal	58307
CIELab	81.23, -52.94, 2.73
CIELCh	81, 53.012, 177.048
Yxy	58.8806, 0.2374, 0.3745
Android (android.graphics.Color)	4278248387 (0xFF00E3C3)
YUV	155.4790, 19.4839, -136.3551
Hunter-Lab	76.7322, -47.4662, 6.5574

Details

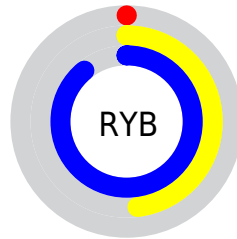
The HunterLab color **76.7322, -47.4662, 6.5574** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed cyan. A complement of this color would be **40.5425, 69.6821, 24.1989**, and the grayscale version is **57.4126, -3.0634, 3.1193**.

A 20% lighter version of the original color is **90.4434, -40.6428, -4.8105**, and **55.3828, -35.0944, 6.5351** is the 20% darker color. If you saturate the color by 10%, you get **76.7333, -47.4684, 6.5606**, and if you desaturate by 10%, it is **76.9453, -46.4219, 5.3389**.

Distribution



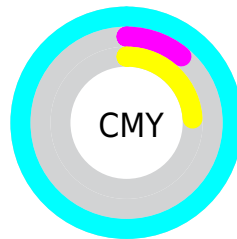
- Red (0%)
- Green (89%)
- Blue (76%)



- Red (0%)
- Yellow (48%)
- Blue (89%)



- Cyan (100%)
- Magenta (0%)
- Yellow (14%)
- Black (11%)





- Cyan (100%)
- Magenta (11%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 76.7322, -47.4662, 6.5574 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 76.7322, -47.4662, 6.5574 by changing the saturation by 10% instead.


 76.7322, -47.4662,
6.5574


 76.7322, -47.4662,
6.5574


205.0510,
-75.0252, 14.4922


 65.2050, -43.9435,
5.8007


 101.5894,
-54.1239, 8.1520


 54.3197, -40.2505,
5.0702


 114.8620,
-57.3010, 8.9870


 44.1182, -36.3436,
4.3673


 128.6670,
-60.3980, 9.8464

 34.6499, -32.1599,
3.6923

 142.9846,
-63.4265, 10.7299

 25.9767, -27.6059,
3.0451

 157.7971,
-66.3962, 11.6367

 18.1795, -22.5352,
2.4246

173.0885,

 11.3707, -19.8987,

-69.3150, 12.5663

1.8268

188.8443,
-72.1895, 13.5183

■ 3.6839, -6.4469,
2.5788

0.0000, NaN, NaN

■ 76.7322, -47.4662,
6.5574

■ 76.7322, -47.4662,
6.5574

■ 76.7333, -47.4684,
6.5606

■ 76.9453, -46.4219,
5.3389

■ 77.2943, -44.8262,
4.2657

■ 77.8222, -42.5243,
3.3963

■ 78.5499, -39.4512,
2.7636

■ 79.4924, -35.5742,
2.3916

■ 80.6601, -30.8879,
2.2966

■ 82.0588, -25.4100,
2.4875

■ 83.6909, -19.1773,
2.9660

■ 85.5558, -12.2409,
3.7280

Harmonies

Analogous

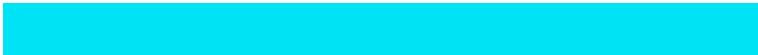
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.7337, -41.3098, 25.5951



76.7322, -47.4662, 6.5574



76.7337, -43.3281, -20.4146

Triad

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



76.7337, -47.4665, 6.5583



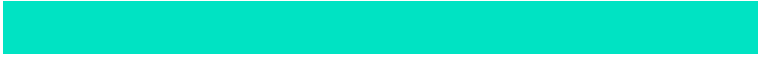
76.7337, 19.6842, -50.5758



76.7337, 24.6660, 34.0736

Complementary

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



76.7322, -47.4662, 6.5574



40.5425, 69.6821, 24.1989

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.



76.7337, 45.0457, 22.6218



76.7322, -47.4662, 6.5574



76.7337, 41.9138, -26.0362

Square

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



76.7337, -47.4665, 6.5583



76.7337, -6.6265, -59.1409



76.7337, 51.7354, 1.7165



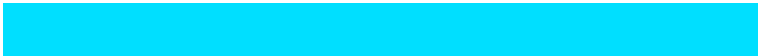
76.7337, -1.5372, 37.8488

Rectangle

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



76.7322, -47.4662, 6.5574



76.7337, -34.9437, -38.7972



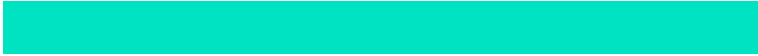
76.7337, 51.7354, 1.7165



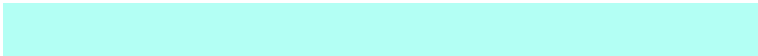
76.7337, 32.5500, 31.2271

Sweetspot

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



76.7337, -47.4665, 6.5583



93.5889, -29.1333, 2.8301



74.3517, -62.5755, 44.7187



42.9713, -14.7517, 1.2494

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.7337, -47.4665, 6.5583



87.5425, -54.2011, 7.5843



51.5663, -5.8194, -51.8879



40.3728, -5.5910, 1.7793



58.6097, -36.1820, 4.8495



15.9627, -9.6531, 0.8862

Inverse Universe

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



40.5425, 69.6821, 24.1989



46.2462, 79.4728, 27.7527



46.8966, 49.2866, 29.7587



37.9486, 1.6030, 2.5762



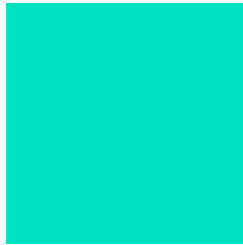
30.9760, 53.2764, 18.2413



8.4827, 14.7127, 4.0413

Previews

White Background



This preview shows how the HunterLab color 76.7322, -47.4662, 6.5574 looks on a white background.

Color Contrast Check

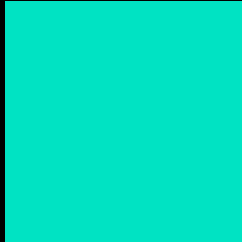
Large Text (above 18pt) WCAG AA × Fail

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 76.7322, -47.4662, 6.5574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

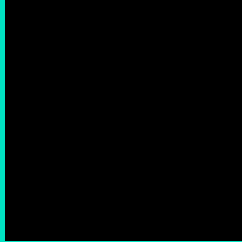
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

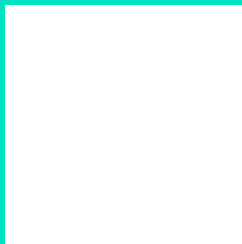
Any Text WCAG AAA ✓ Pass

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

HunterLab 76.7322, -47.4662, 6.5574 Background



This preview shows how black text looks on a background with the HunterLab color 76.7322, -47.4662, 6.5574.



This preview shows how white text looks on a background with the HunterLab color 76.7322,

-47.4662, 6.5574.

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

76.7322, -47.4662, 6.5574

Protanopia

75.8631, -4.1164, 12.9275

Deuteranopia

75.9956, 5.2732, 3.3264



Tritanopia

76.8125, -33.3667, -16.2853

Trichromacy



Original Color

76.7322, -47.4662, 6.5574



Protanomaly

73.4910, -28.8479, 7.7501



Deuteranomaly

73.3179, -23.5512, 1.0711



Tritanomaly

76.5207, -39.2454, -7.6273

Monochromacy



Original Color

76.7322, -47.4662, 6.5574



Achromatopsia

57.2519, -3.0548, 3.1106



Achromatomaly

62.1311, -25.6285, 1.5450

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.7322, -47.4662, 6.5574 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(0, 227, 195)` looks like.

```
.text, #text, p{  
    color:rgb(0, 227, 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(0, 227, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 227, 195) }
```

Border

The CSS property to change the border of an element to HunterLab 76.7322, -47.4662, 6.5574 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(0, 227, 195) }
```


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

```
.border{ border-color:rgb(0, 227, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 227, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 227, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 227, 195);  
box-shadow:4px 4px 4px 4px rgb(0, 227,  
195) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.7322, -47.4662, 6.5574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 227, 195) }
```

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

```
.background{ background-color: rgb(0, 227,  
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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