

Converting Colors

HunterLab(76.4664, -39.8779,
-9.6355)

Have a look what the booklet for
HunterLab(76.4664, -39.8779,
-9.6355) contains.

HunterLab(76.3324, -39.7742, -9.5479)	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(76.3324,
-39.7742, -9.5479)**

Conversions

Conversions Part 1

Format	Color
Hex	00DFE2
RGB	0, 223, 226
RGB Percent	0%, 87%, 89%
CMY	0.9998, 0.1255, 0.1137
CMYK	1.00, 0.01, 0.00, 0.11
HSL	181°, 100%, 44%
HSV	181°, 100%, 89%
XYZ	40.1151, 58.2664, 81.0838
YIQ	156.6650, -133.8710, -46.3430

Conversions

Conversions Part 2

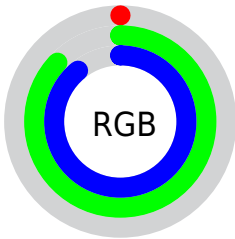
Format	Color
RYB	0, 112, 226
Decimal	57314
CIELab	80.89, -42.56, -14.24
CIELCh	81, 44.878, 198.493
Yxy	58.2685, 0.2235, 0.3247
Android (android.graphics.Color)	4278247394 (0xFF00DFE2)
YUV	156.6650, 34.1822, -137.3952
Hunter-Lab	76.3324, -39.7742, -9.5479

Details

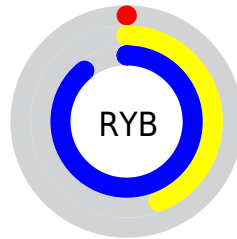
The HunterLab color **76.3324, -39.7742, -9.5479** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **40.2932, 68.5808, 26.0268**, and the grayscale version is **57.8413, -3.0863, 3.1426**.

A 20% lighter version of the original color is **90.6922, -39.3992, -6.6555**, and **55.2971, -28.4348, -7.7341** is the 20% darker color. If you saturate the color by 10%, you get **76.3333, -39.7749, -9.5475**, and if you desaturate by 10%, it is **76.5550, -39.4413, -9.2432**.

Distribution



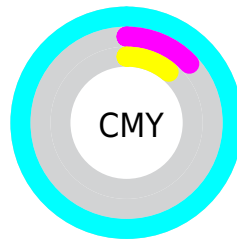
- Red (0%)
- Green (87%)
- Blue (89%)



- Red (0%)
- Yellow (44%)
- Blue (89%)



- Cyan (100%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.3324, -39.7742, -9.5479 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 76.3324, -39.7742, -9.5479 by changing the saturation by 10% instead.

76.3324, -39.7742,
-9.5479

76.3324, -39.7742,
-9.5479

204.4959,
-63.0601, -7.1497

64.8263, -36.8591,
-9.5709

101.1503,
-45.3226, -9.3317

53.9634, -33.8190,
-9.5334

114.4045,
-47.9885, -9.1480

43.7859, -30.6200,
-9.4292

128.1918,
-50.5980, -8.9177

34.3433, -27.2131,
-9.2526

142.4924,
-53.1600, -8.6435

25.6982, -23.5239,
-8.9987

157.2885,
-55.6817, -8.3277

17.9324, -19.4330,
-8.6668

172.5639,

11.1596, -17.8231,

-58.1691, -7.9722

-8.2755

188.3042,
-60.6272, -7.5790

■ 3.1351, -5.4865,
-18.7767

0.0000, NaN, NaN

■ 76.3324, -39.7742,
-9.5479

■ 76.3324, -39.7742,
-9.5479

■ 76.3333, -39.7749,
-9.5475

■ 76.5550, -39.4413,
-9.2432

■ 76.9110, -38.5794,
-8.7509

■ 77.4429, -37.0330,
-8.0151

■ 78.1717, -34.7335,
-7.0122

■ 79.1123, -31.6429,
-5.7297

■ 80.2748, -27.7499,
-4.1642

■ 81.6653, -23.0656,
-2.3206

■ 83.2862, -17.6202,
-0.2098

■ 85.1369, -11.4584,
2.1519

Harmonies

Analogous

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



76.3338, -40.8323, 11.6609



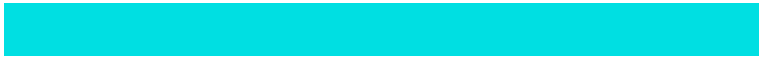
76.3324, -39.7742, -9.5479



76.3338, -29.8224, -31.9733

Triad

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



76.3338, -39.7742, -9.5468



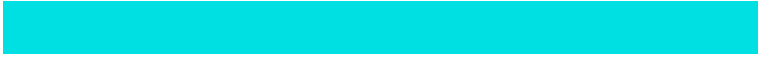
76.3338, 29.7733, -27.1300



76.3338, 4.4315, 33.7272

Complementary

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



76.3324, -39.7742, -9.5479



40.2932, 68.5808, 26.0268

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.



76.3338, 25.6092, 28.3154



76.3324, -39.7742, -9.5479



76.3338, 41.2945, -4.2001

Square

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



76.3338, -39.7742, -9.5468



76.3338, 9.6226, -43.9226



76.3338, 39.6907, 15.7099



76.3338, -16.8740, 33.0394

Rectangle

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



76.3324, -39.7742, -9.5479



76.3338, -18.7885, -42.8021



76.3338, 39.6907, 15.7099



76.3338, 11.8404, 32.6401

Sweetspot

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



76.3338, -39.7742, -9.5468



93.6046, -26.5795, -2.7120



73.7523, -63.2408, 44.3374



42.9790, -13.3982, -1.6862

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.3338, -39.7742, -9.5468



87.5214, -45.5992, -10.9586



41.6029, 11.4473, -76.7066



39.4202, -5.1377, 1.0567



57.6682, -30.0578, -7.1941



15.2161, -7.9534, -1.8497

Inverse Universe

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



46.3660, 90.8872, -59.1125



53.1639, 104.2186, -67.7685



52.9016, 33.1890, 33.1769



37.3261, 3.0014, -1.3205



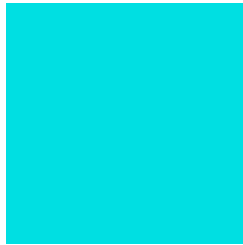
35.0218, 68.6588, -44.6781



9.2260, 18.0955, -11.8346

Previews

White Background



This preview shows how the HunterLab color 76.3324, -39.7742, -9.5479 looks on a white background.

Color Contrast Check

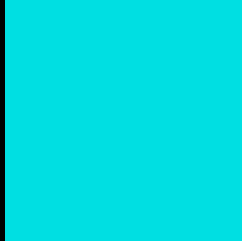
Large Text (above 18pt) WCAG AA × Fail

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 76.3324, -39.7742, -9.5479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

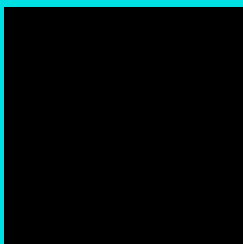
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

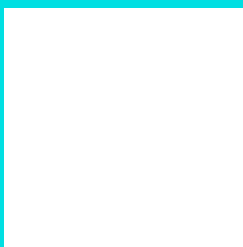
Any Text WCAG AAA ✓ Pass

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

HunterLab 76.3324, -39.7742, -9.5479 Background



This preview shows how black text looks on a background with the HunterLab color 76.3324, -39.7742, -9.5479.



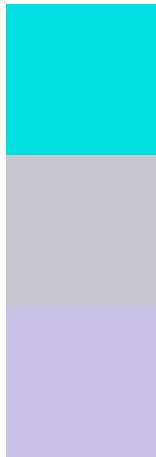
This preview shows how white text looks on a background with the HunterLab color 76.3324,

-39.7742, -9.5479.

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

76.3324, -39.7742, -9.5479

Protanopia

75.6197, -1.6100, -1.2377

Deuteranopia

75.5687, 5.9036, -13.2298



Tritanopia

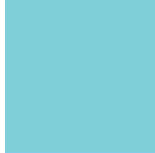
76.3795, -35.0434, -16.9389

Trichromacy



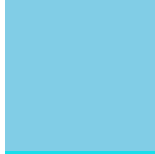
Original Color

76.3324, -39.7742, -9.5479



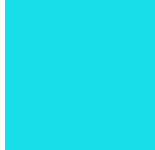
Protanomaly

73.5497, -23.2378, -7.4562



Deuteranomaly

73.5139, -18.9776, -15.4113



Tritanomaly

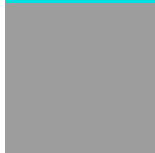
76.4050, -37.1072, -13.9742

Monochromacy



Original Color

76.3324, -39.7742, -9.5479



Achromatopsia

58.0658, -3.0982, 3.1548



Achromatomaly

62.5576, -23.2385, -3.8035

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.3324, -39.7742, -9.5479 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, 223, 226)` looks like.

```
.text, #text, p{  
    color:rgb(0, 223, 226)  
}
```

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, 223, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 223, 226) }
```

Border

The CSS property to change the border of an element to HunterLab 76.3324, -39.7742, -9.5479 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, 223, 226) }
```


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

```
.border{ border-color:rgb(0, 223, 226) }
```

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

Here you see how a box with a 4 pixel rgb(0, 223, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 223, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 223, 226);  
box-shadow:4px 4px 4px 4px rgb(0, 223,  
226) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.3324, -39.7742, -9.5479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 223, 226) }
```

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

```
.background{ background-color: rgb(0, 223,  
226) }
```

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