

Converting Colors

HunterLab(76.1694, -36.6163,
-16.1610)

Have a look what the booklet for
HunterLab(76.1694, -36.6163,
-16.1610) contains.

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Color

**HunterLab(76.0443,
-36.5030, -16.2493)**

Conversions

Conversions Part 1

Format	Color
Hex	00DDED
RGB	0, 221, 237
RGB Percent	0%, 87%, 93%
CMY	0.9997, 0.1333, 0.0706
CMYK	1.00, 0.07, 0.00, 0.07
HSL	184°, 100%, 46%
HSV	184°, 100%, 93%
XYZ	41.1425, 57.8274, 89.1142
YIQ	156.7450, -136.8520, -41.8760

Conversions

Conversions Part 2

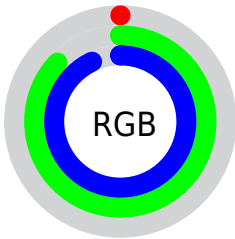
Format	Color
RYB	0, 114, 237
Decimal	56813
CIELab	80.64, -38.33, -20.45
CIELCh	81, 43.449, 208.082
Yxy	57.8295, 0.2187, 0.3075
Android (android.graphics.Color)	4278246893 (0xFF00DDED)
YUV	156.7450, 39.5657, -137.4654
Hunter-Lab	76.0443, -36.5030, -16.2493

Details

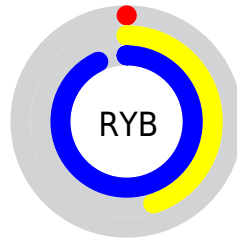
The HunterLab color **76.0443, -36.5030, -16.2493** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **42.8688, 71.1817, 27.6592**, and the grayscale version is **57.8545, -3.0870, 3.1433**.

A 20% lighter version of the original color is **90.7289, -39.2573, -6.6053**, and **54.9968, -25.5035, -13.6864** is the 20% darker color. If you saturate the color by 10%, you get **76.0439, -36.5021, -16.2507**, and if you desaturate by 10%, it is **76.7264, -36.7019, -15.2779**.

Distribution



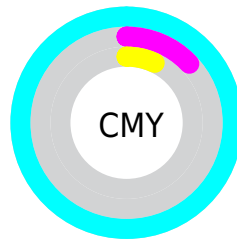
- Red (0%)
- Green (87%)
- Blue (93%)



- Red (0%)
- Yellow (45%)
- Blue (93%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.0443, -36.5030, -16.2493 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 76.0443, -36.5030, -16.2493 by changing the saturation by 10% instead.

76.0443, -36.5030,
-16.2493

76.0443, -36.5030,
-16.2493

204.0956,
-58.0786, -15.6437

64.5535, -33.8299,
-16.0536

100.8338,
-41.6087, -16.4601

53.7068, -31.0498,
-15.7958

114.0747,
-44.0702, -16.4838

43.5465, -28.1322,
-15.4723

127.8493,
-46.4847, -16.4567

34.1226, -25.0339,
-15.0833

142.1376,
-48.8598, -16.3815

25.4979, -21.6885,
-14.6359

156.9218,
-51.2021, -16.2604

17.7548, -17.9884,
-14.1577

172.1857,

11.0080, -16.2776,

-53.5165, -16.0959

-13.7461

187.9148,
-55.8075, -15.8897

■ 2.6699, -4.6723,
-34.0160

0.0000, NaN, -NF

■ 76.0443, -36.5030,
-16.2493

■ 76.0443, -36.5030,
-16.2493

■ 76.0439, -36.5021,
-16.2507

■ 76.7264, -36.7019,
-15.2779

■ 77.5569, -36.3202,
-14.0965

■ 78.5789, -35.2003,
-12.6505

■ 79.8121, -33.2778,
-10.9229

■ 81.2692, -30.5230,
-8.9097

■ 82.9576, -26.9343,
-6.6169

■ 84.8802, -22.5324,
-4.0580

■ 87.0364, -17.3559,
-1.2522

■ 89.4229, -11.4559,
1.7782

Harmonies

Analogous

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



76.0457, -40.3501, 5.4138



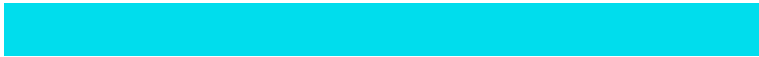
76.0443, -36.5030, -16.2493



76.0457, -24.2508, -36.2049

Triad

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



76.0457, -36.5029, -16.2482



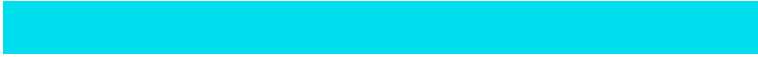
76.0457, 33.3286, -19.0931



76.0457, -2.7055, 33.3877

Complementary

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



76.0443, -36.5030, -16.2493



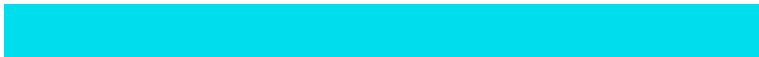
42.8688, 71.1817, 27.6592

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.



76.0457, 18.4816, 30.0541



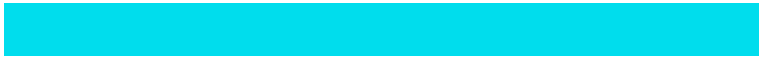
76.0443, -36.5030, -16.2493



76.0457, 40.6389, 2.8425

Square

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



76.0457, -36.5029, -16.2482



76.0457, 15.8904, -38.1364



76.0457, 34.9351, 20.0890



76.0457, -22.1477, 30.8249

Rectangle

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



76.0443, -36.5030, -16.2493



76.0457, -12.2207, -43.8389



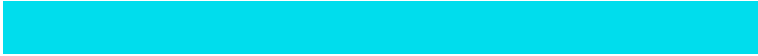
76.0457, 34.9351, 20.0890



76.0457, 4.4566, 32.9436

Sweetspot

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



76.0457, -36.5029, -16.2482



92.2023, -24.5606, -4.4521



77.8503, -66.5856, 46.4361



42.2342, -12.3460, -2.6193

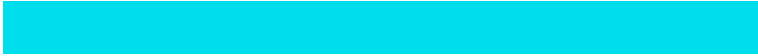
0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.0457, -36.5029, -16.2482



82.6088, -39.6353, -17.6926



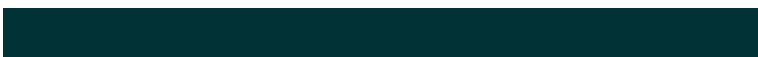
39.7028, 20.9380, -94.8184



41.1552, -5.1174, 0.8911



56.2576, -27.0570, -11.9088



15.9302, -7.7857, -3.1043

Inverse Universe

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



48.1942, 93.3588, -52.8272



52.3643, 101.4393, -57.3546



59.2841, 27.2174, 37.0053



39.1091, 3.0720, -1.1320



35.6200, 69.0236, -39.1791



10.0080, 19.4343, -11.3260

Previews

White Background



This preview shows how the HunterLab color 76.0443, -36.5030, -16.2493 looks on a white background.

Color Contrast Check

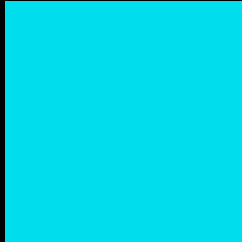
Large Text (above 18pt) WCAG AA × Fail

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 76.0443, -36.5030, -16.2493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

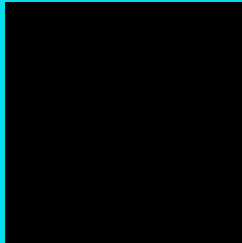
Any Text WCAG AA ✓ Pass

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 76.0443, -36.5030, -16.2493 Background



This preview shows how black text looks on a background with the HunterLab color 76.0443, -36.5030, -16.2493.



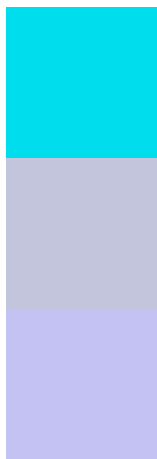
This preview shows how white text looks on a background with the HunterLab color 76.0443,

-36.5030, -16.2493.

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

76.0443, -36.5030, -16.2493

Protanopia

75.3360, -0.2823, -7.4198

Deuteranopia

75.2707, 5.7609, -20.3092



Tritanopia

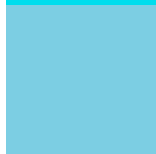
76.1882, -35.7872, -17.2289

Trichromacy



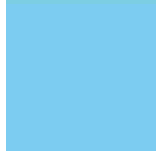
Original Color

76.0443, -36.5030, -16.2493



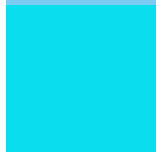
Protanomaly

73.4668, -21.0575, -13.7481



Deuteranomaly

73.3633, -16.9931, -22.3466



Tritanomaly

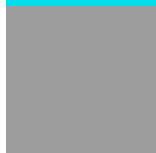
76.1252, -36.1101, -16.7244

Monochromacy



Original Color

76.0443, -36.5030, -16.2493



Achromatopsia

58.0658, -3.0982, 3.1548



Achromatomaly

62.3675, -22.0225, -6.1171

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.0443, -36.5030, -16.2493 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, 221, 237)` looks like.

```
.text, #text, p{  
    color:rgb(0, 221, 237)  
}
```

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, 221, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 221, 237) }
```

Border

The CSS property to change the border of an element to HunterLab 76.0443, -36.5030, -16.2493 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, 221, 237) }
```


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

```
.border{ border-color:rgb(0, 221, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 221, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 221, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 221, 237);  
box-shadow:4px 4px 4px 4px rgb(0, 221,  
237) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.0443, -36.5030, -16.2493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 221, 237) }
```

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

```
.background{ background-color: rgb(0, 221,  
237) }
```

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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