

Converting Colors

HunterLab(76.9302, -41.6416,
-18.0331)

Have a look what the booklet for
HunterLab(76.9302, -41.6416,
-18.0331) contains.

| | |
|---|----|
| HunterLab(77.9766, -37.5144, -16.4812) | 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(77.9766,
-37.5144, -16.4812)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 00E2F2 |
| RGB | 0, 226, 242 |
| RGB Percent | 0%, 89%, 95% |
| CMY | 0.9997, 0.1137, 0.0510 |
| CMYK | 1.00, 0.07, 0.00, 0.05 |
| HSL | 184°, 100%, 47% |
| HSV | 184°, 100%, 95% |
| XYZ | 43.2233, 60.8035, 93.4625 |
| YIQ | 160.2500, -139.8320, -42.9360 |

Conversions

Conversions Part 2

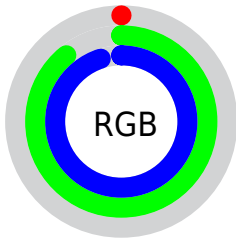
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 117, 242 |
| Decimal | 58098 |
| CIELab | 82.27, -39.09, -20.64 |
| CIELCh | 82, 44.203, 207.831 |
| Yxy | 60.8057, 0.2189, 0.3079 |
| Android (android.graphics.Color) | 4278248178 (0xFF00E2F2) |
| YUV | 160.2500, 40.3027, -140.5393 |
| Hunter-Lab | 77.9766, -37.5144, -16.4812 |

Details

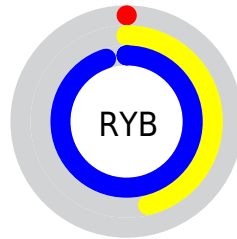
The HunterLab color **77.9766, -37.5144, -16.4812** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light saturated cyan. A complement of this color would be **43.8750, 72.9556, 28.3102**, and the grayscale version is **59.2828, -3.1632, 3.2209**.

A 20% lighter version of the original color is **90.7661, -39.1140, -6.5545**, and **56.8284, -26.4593, -13.9125** is the 20% darker color. If you saturate the color by 10%, you get **77.9762, -37.5135, -16.4826**, and if you desaturate by 10%, it is **78.6621, -37.7123, -15.5066**.

Distribution



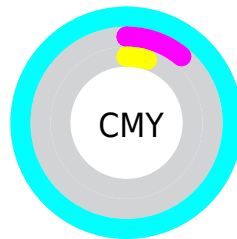
- Red (0%)
- Green (89%)
- Blue (95%)



- Red (0%)
- Yellow (46%)
- Blue (95%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.9766, -37.5144, -16.4812 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 77.9766, -37.5144, -16.4812 by changing the saturation by 10% instead.

77.9766, -37.5144,
-16.4812

77.9766, -37.5144,
-16.4812

206.7756,
-59.3355, -15.8563

66.3840, -34.8135,
-16.2896

102.9551,
-42.6765, -16.6853

55.4295, -32.0064,
-16.0364

116.2845,
-45.1660, -16.7063

45.1542, -29.0637,
-15.7179

130.1442,
-47.6083, -16.6769

35.6063, -25.9436,
-15.3341

144.5145,
-50.0109, -16.5997

26.8464, -22.5831,
-14.8906

159.3779,
-52.3802, -16.4769

18.9527, -18.8810,
-14.4110

174.7187,

12.0337, -16.0559,

-54.7213, -16.3108

-13.9768

190.5223,
-57.0385, -16.1034

■ 5.0176, -8.7809,
-19.2891

0.0000, NaN, -NF

■ 77.9766, -37.5144,
-16.4812

■ 77.9766, -37.5144,
-16.4812

■ 77.9762, -37.5135,
-16.4826

■ 78.6621, -37.7123,
-15.5066

■ 79.4997, -37.3141,
-14.3163

■ 80.5335, -36.1595,
-12.8548

■ 81.7839, -34.1818,
-11.1042

■ 83.2640, -31.3498,
-9.0600

■ 84.9815, -27.6614,
-6.7282

■ 86.9396, -23.1376,
-4.1224

■ 89.1377, -17.8178,
-1.2620

■ 91.5725, -11.7545,
1.8301

Harmonies

Analogous

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



77.9780, -41.3855, 5.7210



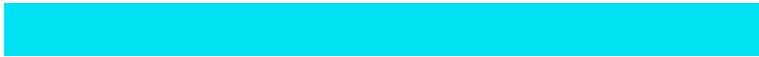
77.9766, -37.5144, -16.4812



77.9780, -25.0131, -37.0115

Triad

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



77.9780, -37.5143, -16.4800



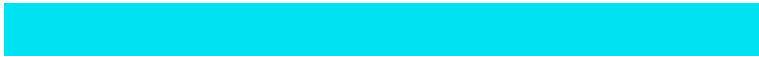
77.9780, 34.0807, -19.7800



77.9780, -2.5912, 34.2427

Complementary

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



77.9766, -37.5144, -16.4812



43.8750, 72.9556, 28.3102

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.



77.9780, 19.1335, 30.7716



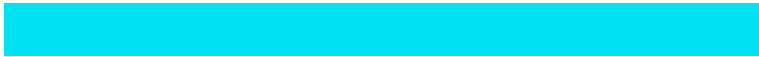
77.9766, -37.5144, -16.4812



77.9780, 41.6869, 2.7387

Square

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



77.9780, -37.5143, -16.4800



77.9780, 16.1280, -39.2519



77.9780, 35.9441, 20.4887



77.9780, -22.5738, 31.6655

Rectangle

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



77.9766, -37.5144, -16.4812



77.9780, -12.7046, -44.9241



77.9780, 35.9441, 20.4887



77.9780, 4.7589, 33.7706

Sweetspot

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



77.9780, -37.5143, -16.4800



92.2383, -24.6126, -4.4072



79.7073, -68.2269, 47.6582



42.2533, -12.3731, -2.5951

0.0000, NaN, NaN



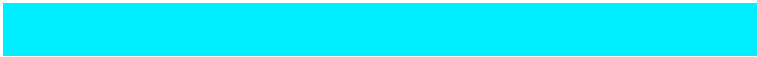
46.2646, -2.4686, 2.5136

Same Dimension

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



77.9780, -37.5143, -16.4800



82.7341, -39.7900, -17.5153



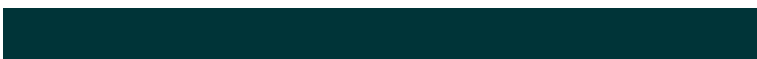
41.6356, 19.2697, -93.6328



42.1182, -5.2508, 0.9144



57.2220, -27.5816, -11.9818



16.6658, -8.1536, -3.2294

Inverse Universe

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



49.3661, 95.6564, -54.3246



52.3843, 101.5090, -57.6164



59.7399, 29.9856, 37.3345



40.0154, 3.1589, -1.1736



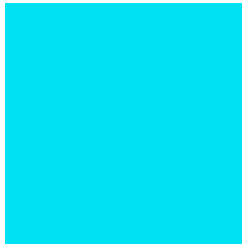
36.1923, 70.1527, -39.9633



10.4647, 20.3241, -11.8649

Previews

White Background



This preview shows how the HunterLab color 77.9766, -37.5144, -16.4812 looks on a white background.

Color Contrast Check

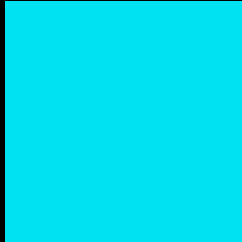
Large Text (above 18pt) WCAG AA × Fail

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 77.9766, -37.5144, -16.4812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

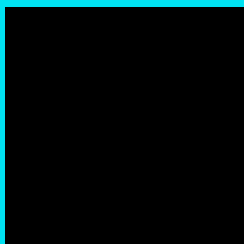
Any Text WCAG AA ✓ Pass

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 77.9766, -37.5144, -16.4812 Background



This preview shows how black text looks on a background with the HunterLab color 77.9766, -37.5144, -16.4812.



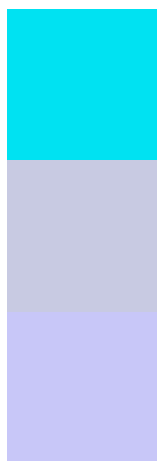
This preview shows how white text looks on a background with the HunterLab color 77.9766,

-37.5144, -16.4812.

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

77.9766, -37.5144, -16.4812

Protanopia

77.4670, -0.3855, -7.3406

Deuteranopia

77.3974, 5.6669, -20.2392



Tritanopia

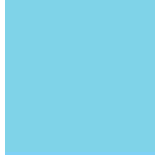
78.1304, -36.7598, -17.4492

Trichromacy



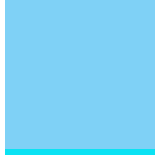
Original Color

77.9766, -37.5144, -16.4812



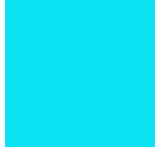
Protanomaly

75.4498, -21.7617, -13.8818



Deuteranomaly

75.3437, -17.6887, -22.4944



Tritanomaly

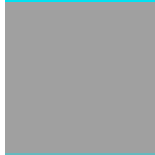
78.0608, -37.1084, -16.9530

Monochromacy



Original Color

77.9766, -37.5144, -16.4812



Achromatopsia

59.2902, -3.1636, 3.2213



Achromatomaly

63.8932, -22.6536, -6.2313

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.9766, -37.5144, -16.4812 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, 226, 242)` looks like.

```
.text, #text, p{  
    color:rgb(0, 226, 242)  
}
```

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, 226, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 226, 242) }
```

Border

The CSS property to change the border of an element to HunterLab 77.9766, -37.5144, -16.4812 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, 226, 242) }
```


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

```
.border{ border-color:rgb(0, 226, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 226, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 226, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 226, 242);  
box-shadow:4px 4px 4px 4px rgb(0, 226,  
242) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.9766, -37.5144, -16.4812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 226, 242) }
```

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

```
.background{ background-color: rgb(0, 226,  
242) }
```

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