

Converting Colors

HunterLab(77.8481, -40.3974,
-16.8814)

Have a look what the booklet for
HunterLab(77.8481, -40.3974,
-16.8814) contains.

HunterLab(78.3256, -37.9444, -15.9891)	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(78.3256,
-37.9444, -15.9891)**

Conversions

Conversions Part 1

Format	Color
Hex	00E3F2
RGB	0, 227, 242
RGB Percent	0%, 89%, 95%
CMY	0.9997, 0.1098, 0.0510
CMYK	1.00, 0.06, 0.00, 0.05
HSL	184°, 100%, 47%
HSV	184°, 100%, 95%
XYZ	43.4961, 61.3490, 93.5535
YIQ	160.8370, -140.1070, -43.4590

Conversions

Conversions Part 2

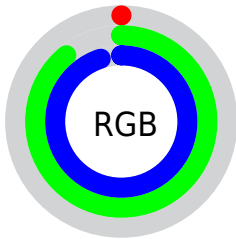
Format	Color
RYB	0, 117, 242
Decimal	58354
CIELab	82.57, -39.55, -20.19
CIELCh	83, 44.403, 207.050
Yxy	61.3512, 0.2192, 0.3092
Android (android.graphics.Color)	4278248434 (0xFF00E3F2)
YUV	160.8370, 40.0134, -141.0540
Hunter-Lab	78.3256, -37.9444, -15.9891

Details

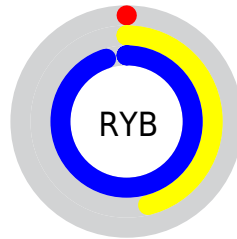
The HunterLab color **78.3256, -37.9444, -15.9891** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light saturated cyan. A complement of this color would be **43.8420, 73.0673, 28.2917**, and the grayscale version is **59.5243, -3.1761, 3.2341**.

A 20% lighter version of the original color is **90.7661, -39.1140, -6.5545**, and **57.1585, -26.8711, -13.4363** is the 20% darker color. If you saturate the color by 10%, you get **78.3253, -37.9436, -15.9904**, and if you desaturate by 10%, it is **78.9763, -38.1001, -15.0678**.

Distribution



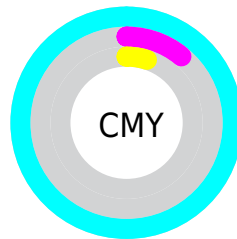
- Red (0%)
- Green (89%)
- Blue (95%)



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



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (5%)





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

Brightness & Saturation Gradients


These gradients show how the HunterLab color 78.3256, -37.9444, -15.9891 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 78.3256, -37.9444, -15.9891 by changing the saturation by 10% instead.


 78.3256, -37.9444,
-15.9891


 78.3256, -37.9444,
-15.9891


207.2584,
-59.9383, -15.2299


 66.7148, -35.2203,
-15.8137


 103.3380,
-43.1499, -16.1613


 55.7410, -32.3888,
-15.5766


 116.6832,
-45.6599, -16.1669


 45.4452, -29.4204,
-15.2741


 130.5581,
-48.1218, -16.1222

 35.8752, -26.2731,
-14.9051

 144.9431,
-50.5434, -16.0300

 27.0912, -22.8839,
-14.4743

 159.8207,
-52.9311, -15.8927

 19.1708, -19.1517,
-14.0020

175.1752,

 12.2212, -16.1731,

-55.2900, -15.7123

-13.5606

190.9922,
-57.6245, -15.4907

■ 5.3311, -9.3294,
-17.8052

0.0000, NaN, -NF

■ 78.3256, -37.9444,
-15.9891

■ 78.3256, -37.9444,
-15.9891

■ 78.3253, -37.9436,
-15.9904

■ 78.9763, -38.1001,
-15.0678

■ 79.7787, -37.6611,
-13.9314

■ 80.7767, -36.4669,
-12.5242

■ 81.9910, -34.4499,
-10.8274

■ 83.4351, -31.5783,
-8.8359

■ 85.1168, -27.8489,
-6.5549

■ 87.0397, -23.2821,
-3.9973

■ 89.2035, -17.9168,
-1.1821

■ 91.6048, -11.8051,
1.8683

Harmonies

Analogous

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



78.3270, -41.6018, 6.2759



78.3256, -37.9444, -15.9891



78.3270, -25.5817, -36.8214

Triad

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



78.3270, -37.9443, -15.9879



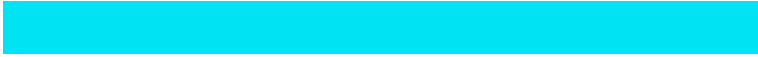
78.3270, 33.9358, -20.5029



78.3270, -2.0278, 34.4161

Complementary

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



78.3256, -37.9444, -15.9891



43.8420, 73.0673, 28.2917

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.



78.3270, 19.7911, 30.7640



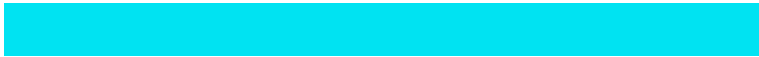
78.3256, -37.9444, -15.9891



78.3270, 41.9208, 2.1963

Square

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



78.3270, -37.9443, -15.9879



78.3270, 15.6795, -39.8871



78.3270, 36.4852, 20.2315



78.3270, -22.2454, 31.9860

Rectangle

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



78.3256, -37.9444, -15.9891



78.3270, -13.3037, -45.0342



78.3270, 36.4852, 20.2315



78.3270, 5.3740, 33.8897

Sweetspot

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



78.3270, -37.9443, -15.9879



92.3448, -24.7668, -4.2741



79.7073, -68.2269, 47.6582



42.3098, -12.4535, -2.5237

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



78.3270, -37.9443, -15.9879



83.1055, -40.2477, -16.9914



41.6358, 19.2692, -93.6320



42.1322, -5.2730, 0.9309



57.4735, -27.8913, -11.6276



16.7284, -8.2304, -3.1421

Inverse Universe

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



49.4219, 95.8506, -55.0549



52.4436, 101.7158, -58.3937



59.7401, 29.9853, 37.3345



40.0169, 3.1669, -1.1947



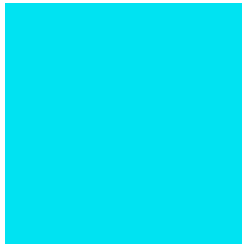
36.2325, 70.2929, -40.4901



10.4748, 20.3592, -11.9968

Previews

White Background



This preview shows how the HunterLab color 78.3256, -37.9444, -15.9891 looks on a white background.

Color Contrast Check

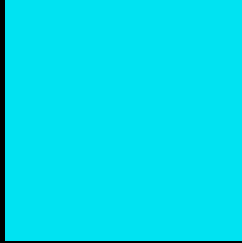
Large Text (above 18pt) WCAG AA × Fail

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 78.3256, -37.9444, -15.9891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

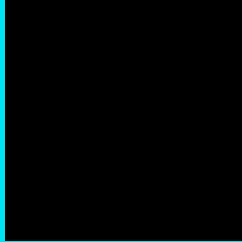
Any Text WCAG AA ✓ Pass

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 78.3256, -37.9444, -15.9891 Background



This preview shows how black text looks on a background with the HunterLab color 78.3256, -37.9444, -15.9891.



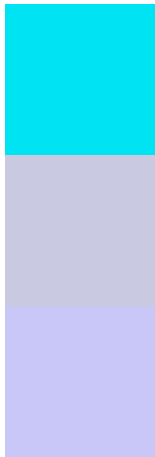
This preview shows how white text looks on a background with the HunterLab color 78.3256, -37.9444, -15.9891.

-37.9444, -15.9891.

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

78.3256, -37.9444, -15.9891

Protanopia

77.5561, -0.0800, -7.2170

Deuteranopia

77.4866, 5.9657, -20.1007



Tritanopia

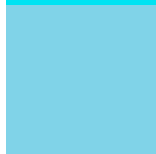
78.5363, -36.8905, -17.4684

Trichromacy



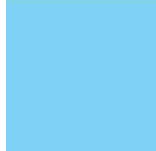
Original Color

78.3256, -37.9444, -15.9891



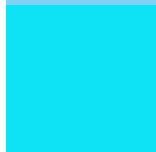
Protanomaly

75.5009, -21.5719, -13.8063



Deuteranomaly

75.3949, -17.5014, -22.4130



Tritanomaly

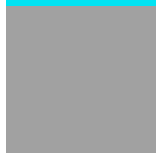
78.4572, -37.2761, -16.9863

Monochromacy



Original Color

78.3256, -37.9444, -15.9891



Achromatopsia

59.6993, -3.1854, 3.2436



Achromatomaly

64.2187, -23.0956, -5.8094

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 78.3256, -37.9444, -15.9891 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, 242)` looks like.

```
.text, #text, p{  
    color:rgb(0, 227, 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, 227, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 227, 242) }
```

Border

The CSS property to change the border of an element to HunterLab 78.3256, -37.9444, -15.9891 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, 242) }
```


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

```
.border{ border-color:rgb(0, 227, 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, 227, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 227, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 227, 242);  
box-shadow:4px 4px 4px 4px rgb(0, 227,  
242) }
```

Background

The CSS property to change the background color of an element to HunterLab 78.3256, -37.9444, -15.9891 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, 242) }
```

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

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