

# Converting Colors

HunterLab(79.3866, -40.5381,  
-11.7162)

Have a look what the booklet for  
HunterLab(79.3866, -40.5381,  
-11.7162) contains.

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# Color

**HunterLab(79.5401,  
-40.7622, -11.4242)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00E7ED
RGB	0, 231, 237
RGB Percent	0%, 91%, 93%
CMY	0.9997, 0.0941, 0.0706
CMYK	1.00, 0.03, 0.00, 0.07
HSL	182°, 100%, 46%
HSV	182°, 100%, 93%
XYZ	43.8620, 63.2663, 90.0206
YIQ	162.6150, -139.6020, -47.1060

# Conversions

## Conversions Part 2

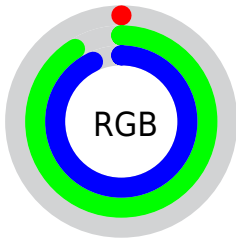
Format	Color
<b>RYB</b>	0, 117, 237
Decimal	59373
CIELab	83.58, -42.85, -16.02
CIELCh	84, 45.744, 200.496
Yxy	63.2686, 0.2225, 0.3209
Android (android.graphics.Color)	4278249453 (0xFF00E7ED)
YUV	162.6150, 36.6718, -142.6134
Hunter-Lab	79.5401, -40.7622, -11.4242

# Details

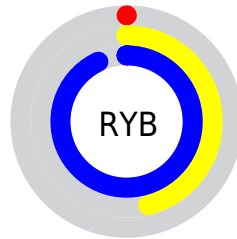
The HunterLab color **79.5401, -40.7622, -11.4242** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **42.5871, 72.1374, 27.5022**, and the grayscale version is **60.2655, -3.2156, 3.2743**.

A 20% lighter version of the original color is **90.7661, -39.1140, -6.5545**, and **58.3062, -29.5706, -9.0433** is the 20% darker color. If you saturate the color by 10%, you get **79.5407, -40.7626, -11.4243**, and if you desaturate by 10%, it is **79.8724, -40.5453, -10.9681**.

# Distribution



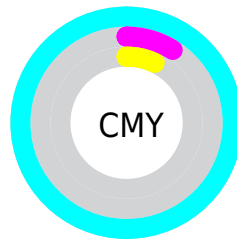
- Red (0%)
- Green (91%)
- Blue (93%)



- Red (0%)
- Yellow (46%)
- Blue (93%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (9%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 79.5401, -40.7622, -11.4242 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 79.5401, -40.7622, -11.4242 by changing the saturation by 10% instead.



79.5401, -40.7622,  
-11.4242

79.5401, -40.7622,  
-11.4242

208.9363,  
-64.0485, -9.4425

67.8664, -37.8597,  
-11.3980

104.6694,  
-46.2976, -11.3051

56.8261, -34.8386,  
-11.3114

118.0695,  
-48.9612, -11.1692

46.4593, -31.6674,  
-11.1586

131.9970,  
-51.5703, -10.9860

36.8131, -28.3015,  
-10.9351

146.4329,  
-54.1335, -10.7582

27.9459, -24.6745,  
-10.6375

161.3597,  
-56.6577, -10.4879

19.9335, -20.6811,  
-10.2677

176.7618,

12.8792, -17.2263,

-59.1485, -10.1774

-9.8485

192.6250,  
-61.6108, -9.8283

■ 6.2985, -11.0224,  
-11.3967

0.0000, NaN, -NF

■ 79.5401, -40.7622,  
-11.4242

■ 79.5401, -40.7622,  
-11.4242

■ 79.5407, -40.7626,  
-11.4243

■ 79.8724, -40.5453,  
-10.9681

■ 80.3478, -39.7616,  
-10.3094

■ 81.0105, -38.2508,  
-9.3911

■ 81.8821, -35.9411,  
-8.1894

■ 82.9780, -32.7941,  
-6.6928

■ 84.3082, -28.7997,  
-4.8998

■ 85.8785, -23.9716,  
-2.8174

■ 87.6908, -18.3431,  
-0.4590

■ 89.7436, -11.9627,  
2.1568

# Harmonies

## Analogous

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



79.5416, -42.4852, 10.8130



79.5401, -40.7622, -11.4242



79.5416, -29.8759, -34.2938

# Triad

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



79.5416, -40.7622, -11.4231



79.5416, 31.8536, -26.4541



79.5416, 3.0019, 35.1039

# Complementary

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



79.5401, -40.7622, -11.4242



42.5871, 72.1374, 27.5022

# 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.



79.5416, 25.1005, 29.9334



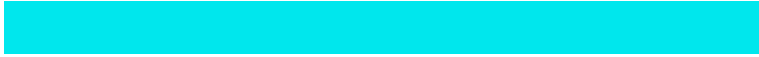
79.5401, -40.7622, -11.4242



79.5416, 42.9337, -2.7499

# Square

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



79.5416, -40.7622, -11.4231



79.5416, 11.4289, -44.5074



79.5416, 40.3340, 17.4013



79.5416, -18.7983, 33.9781

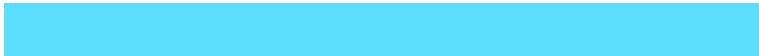


# Rectangle

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



79.5401, -40.7622, -11.4242



79.5416, -18.1471, -44.8870



79.5416, 40.3340, 17.4013



79.5416, 10.6755, 34.1146

# Sweetspot

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



79.5416, -40.7622, -11.4231



93.2924, -26.1322, -3.0970



77.8322, -66.6993, 46.7043



42.8131, -13.1651, -1.8925

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



79.5416, -40.7622, -11.4231



86.4234, -44.2835, -12.4264



42.7575, 14.3906, -84.5026



41.2948, -5.3391, 1.0557



58.7981, -30.1508, -8.4056



16.5393, -8.5244, -2.2711



# Inverse Universe

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



48.7606, 95.3287, -60.2147



52.9822, 103.5888, -65.4152



56.6065, 33.2056, 35.4600



39.1239, 3.1513, -1.3426



36.0318, 70.4561, -44.5503

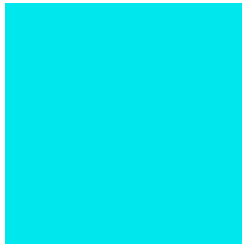


10.1072, 19.7793, -12.6184



# Previews

## White Background



This preview shows how the HunterLab color 79.5401, -40.7622, -11.4242 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

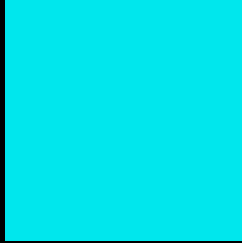
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 79.5401, -40.7622, -11.4242 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

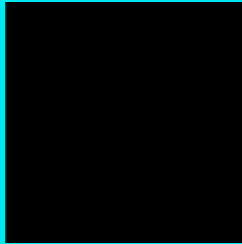
Any Text WCAG AA ✓ Pass

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 79.5401, -40.7622, -11.4242 Background



This preview shows how black text looks on a background with the HunterLab color 79.5401, -40.7622, -11.4242.



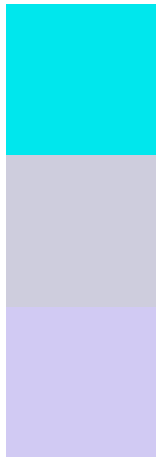
This preview shows how white text looks on a background with the HunterLab color 79.5401,

-40.7622, -11.4242.

# 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

79.5401, -40.7622, -11.4242

### Protanopia

78.7432, -1.0270, -3.0038

### Deuteranopia

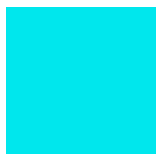
78.9097, 5.7597, -14.9866



## Tritanopia

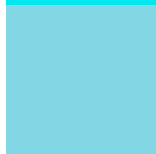
79.4816, -36.5591, -17.9101

# Trichromacy



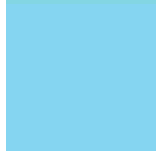
## Original Color

79.5401, -40.7622, -11.4242



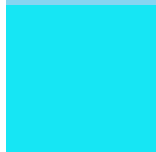
## Protanomaly

76.4621, -23.4531, -9.6469



## Deuteranomaly

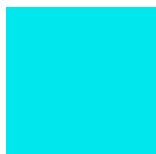
76.7632, -19.5937, -17.3182



## Tritanomaly

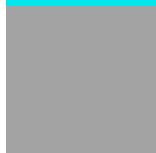
79.5587, -38.3614, -15.4311

# Monochromacy



## Original Color

79.5401, -40.7622, -11.4242



## Achromatopsia

60.5188, -3.2291, 3.2881



## Achromatomaly

65.2895, -24.0726, -4.4291

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 79.5401, -40.7622, -11.4242 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, 231, 237)` looks like.

```
.text, #text, p{  
    color:rgb(0, 231, 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, 231, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 231, 237) }
```

## Border

The CSS property to change the border of an element to HunterLab 79.5401, -40.7622, -11.4242 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, 231, 237) }
```



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

```
.border{ border-color:rgb(0, 231, 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, 231, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 231, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 231, 237);  
box-shadow:4px 4px 4px 4px rgb(0, 231,  
237) }
```

# Background

The CSS property to change the background color of an element to HunterLab 79.5401, -40.7622, -11.4242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 231, 237) }
```

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

```
.background{ background-color: rgb(0, 231,  
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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