

# Converting Colors

HunterLab(79.4035, -37.2208,  
-0.8017)

Have a look what the booklet for  
HunterLab(79.4035, -37.2208,  
-0.8017) contains.

<b>HunterLab(79.4312, -37.1946, -0.7060)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(79.4312,  
-37.1946, -0.7060)**

# Conversions

## Conversions Part 1

Format	Color
Hex	62E4D9
RGB	98, 228, 217
RGB Percent	38%, 89%, 85%
CMY	0.6157, 0.1059, 0.1490
CMYK	0.57, 0.00, 0.05, 0.11
HSL	175°, 71%, 64%
HSV	175°, 57%, 89%
XYZ	45.3047, 63.0932, 75.4360
YIQ	187.8760, -73.9490, -30.9810

# Conversions

## Conversions Part 2

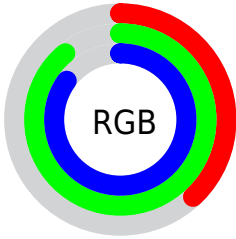
Format	Color
<b>R<sub>YB</sub></b>	98, 166, 228
Decimal	6481113
CIE <sub>Lab</sub>	83.49, -38.27, -5.43
CIE <sub>LCh</sub>	83, 38.651, 188.081
Yxy	63.0956, 0.2464, 0.3432
Android (android.graphics.Color)	4284671193 (0xFF62E4D9)
YUV	187.8760, 14.3581, -78.8213
Hunter-Lab	79.4312, -37.1946, -0.7060

# Details

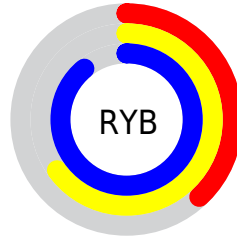
The HunterLab color **79.4312, -37.1946, -0.7060** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **51.3178, 46.2829, 15.7141**, and the grayscale version is **70.8277, -3.7792, 3.8482**.

A 20% lighter version of the original color is **92.7960, -31.3820, -3.8165**, and **56.7379, -31.8849, -1.3166** is the 20% darker color. If you saturate the color by 10%, you get **78.6784, -40.2746, -0.7076**, and if you desaturate by 10%, it is **80.4056, -33.3076, -0.4206**.

# Distribution



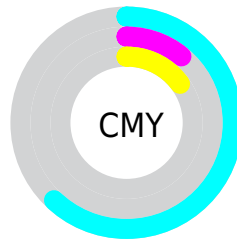
- Red (38%)
- Green (89%)
- Blue (85%)



- Red (38%)
- Yellow (65%)
- Blue (89%)



- Cyan (57%)
- Magenta (0%)
- Yellow (5%)
- Black (11%)



- Cyan (62%)
- Magenta (11%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 79.4312, -37.1946, -0.7060 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 79.4312, -37.1946, -0.7060 by changing the saturation by 10% instead.



79.4312, -37.1946,  
-0.7060

79.4312, -37.1946,  
-0.7060

208.7861,  
-58.6425, 4.5277

67.7632, -34.5522,  
-1.0975

104.5502,  
-42.2554, 0.2088

56.7288, -31.8093,  
-1.4426

117.9453,  
-44.6994, 0.7247

46.3683, -28.9391,  
-1.7359

131.8682,  
-47.0989, 1.2769

36.7289, -25.9026,  
-1.9718

146.2995,  
-49.4611, 1.8638

27.8692, -22.6416,  
-2.1432

161.2219,  
-51.7921, 2.4836

19.8649, -19.0634,  
-2.2402

176.6198,

12.8199, -15.6738,

-54.0967, 3.1350

-2.2487

192.4789,  
-56.3790, 3.8167

■ 6.2182, -10.8818,  
-3.2835

0.0000, NaN, NaN

■ 79.4312, -37.1946,  
-0.7060

■ 79.4312, -37.1946,  
-0.7060

■ 78.6784, -40.2746,  
-0.7076

■ 80.4056, -33.3076,  
-0.4206

■ 78.1287, -42.5736,  
-0.4465

■ 81.6062, -28.6104,  
0.1551

■ 77.7642, -44.1499,  
0.0512

■ 83.0399, -23.1239,  
1.0242

■ 77.5565, -45.1046,  
0.7455

■ 84.7084, -16.8866,  
2.1822

■ 77.5098, -45.3286,  
0.9708

■ 86.6104, -9.9505,  
3.6190

■ 88.7423, -2.3770,  
5.3199

■ 90.8243, 4.8461,  
6.9349

■ 90.8845, 5.1692,  
6.0755

■ 90.9453, 5.4955,  
5.2077

# Harmonies

## Analogous

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



79.4327, -35.2987, 16.2051



79.4312, -37.1946, -0.7060



79.4327, -30.9374, -20.1638

# Triad

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



79.4327, -37.1951, -0.7049



79.4327, 19.5038, -28.0852



79.4327, 9.8220, 30.2270

# Complementary

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



79.4312, -37.1946, -0.7060



51.3178, 46.2829, 15.7141

# 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.



79.4327, 26.5217, 22.8692



79.4312, -37.1946, -0.7060



79.4327, 32.4664, -9.7342

# Square

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



79.4327, -37.1951, -0.7049



79.4327, 0.9449, -38.2192



79.4327, 35.1482, 9.0437



79.4327, -9.3003, 31.5554



# Rectangle

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



79.4312, -37.1946, -0.7060



79.4327, -22.6044, -31.0830



79.4327, 35.1482, 9.0437



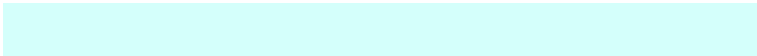
79.4327, 15.9552, 28.4769

# Sweetspot

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



79.4327, -37.1951, -0.7049



96.1515, -19.2380, 2.4644



77.2985, -50.9729, 37.8744



44.2972, -9.5925, 1.0054

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



79.4327, -37.1951, -0.7049



89.2225, -46.1426, -0.7792



62.6506, -11.1500, -31.0544



40.3909, -5.4901, 1.5209



58.9055, -34.3997, 0.6324



16.0323, -9.2342, -0.1049



# Inverse Universe

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



51.3178, 46.2829, 15.7141



52.9944, 63.3839, 21.3091



62.6025, 19.0633, 27.9640



37.9311, 1.5091, 2.8254



30.9177, 53.0600, 19.1059

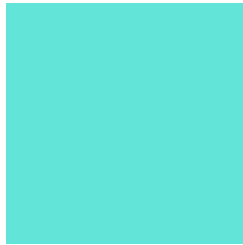


8.4455, 14.5752, 4.5891



# Previews

## White Background



This preview shows how the HunterLab color 79.4312, -37.1946, -0.7060 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

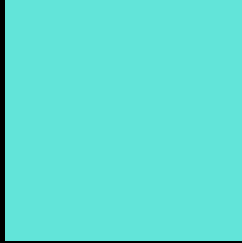
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 79.4312, -37.1946, -0.7060 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

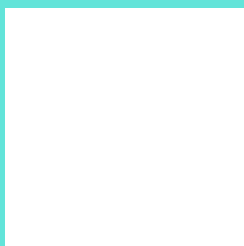
Any Text WCAG AAA ✓ Pass

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

## HunterLab 79.4312, -37.1946, -0.7060 Background



This preview shows how black text looks on a background with the HunterLab color 79.4312, -37.1946, -0.7060.



This preview shows how white text looks on a background with the HunterLab color 79.4312, -37.1946, -0.7060.

-37.1946, -0.7060.

# 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

79.4312, -37.1946, -0.7060

### Protanopia

78.9627, -2.9256, 5.7110

### Deuteranopia

78.8423, 5.6082, -3.8187



## Tritanopia

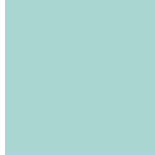
79.3160, -28.8282, -14.4252

# Trichromacy



## Original Color

79.4312, -37.1946, -0.7060



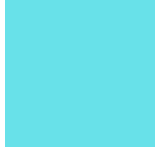
## Protanomaly

78.2577, -18.0399, 2.2050



## Deuteranomaly

78.0532, -13.0440, -4.0948



## Tritanomaly

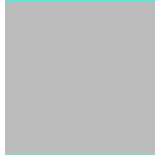
79.1686, -31.8037, -9.5074

# Monochromacy



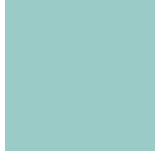
## Original Color

79.4312, -37.1946, -0.7060



## Achromatopsia

70.9145, -3.7838, 3.8529



## Achromatomaly

73.3512, -18.4135, 1.2014

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 79.4312, -37.1946, -0.7060 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(98, 228, 217)` looks like.

```
.text, #text, p{  
    color:rgb(98, 228, 217)  
}
```

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(98, 228, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 228, 217) }
```

## Border

The CSS property to change the border of an element to HunterLab 79.4312, -37.1946, -0.7060 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(98, 228, 217) }
```



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

```
.border{ border-color:rgb(98, 228, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 228, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 228, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 228, 217);  
box-shadow:4px 4px 4px 4px rgb(98, 228,  
217) }
```

# Background

The CSS property to change the background color of an element to HunterLab 79.4312, -37.1946, -0.7060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 228, 217) }
```

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

```
.background{ background-color: rgb(98, 228,  
217) }
```

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