

Converting Colors

HunterLab(79.4221, -37.9026,
-12.6866)

Have a look what the booklet for
HunterLab(79.4221, -37.9026,
-12.6866) contains.

HunterLab(79.3402, -37.7961, -12.7972)	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(79.3402,
-37.7961, -12.7972)**

Conversions

Conversions Part 1

Format	Color
Hex	32E5EF
RGB	50, 229, 239
RGB Percent	20%, 90%, 94%
CMY	0.8039, 0.1019, 0.0627
CMYK	0.79, 0.04, 0.00, 0.06
HSL	183°, 86%, 57%
HSV	183°, 79%, 94%
XYZ	44.9147, 62.9487, 91.4444
YIQ	176.6190, -109.8940, -34.8380

Conversions

Conversions Part 2

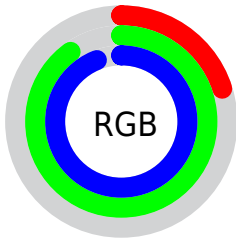
Format	Color
R _Y B	50, 142, 239
Decimal	3335663
CIE Lab	83.42, -39.06, -17.29
CIE LCh	83, 42.718, 203.874
Yxy	62.9510, 0.2254, 0.3158
Android (android.graphics.Color)	4281525743 (0xFF32E5EF)
YUV	176.6190, 30.7538, -111.0449
Hunter-Lab	79.3402, -37.7961, -12.7972

Details

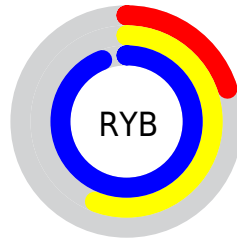
The HunterLab color **79.3402, -37.7961, -12.7972** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **46.7062, 62.6879, 26.0446**, and the grayscale version is **66.0597, -3.5248, 3.5892**.

A 20% lighter version of the original color is **91.3275, -36.9566, -5.7909**, and **57.7114, -28.3384, -10.9598** is the 20% darker color. If you saturate the color by 10%, you get **78.6107, -38.3835, -13.8242**, and if you desaturate by 10%, it is **80.2666, -36.4595, -11.4995**.

Distribution



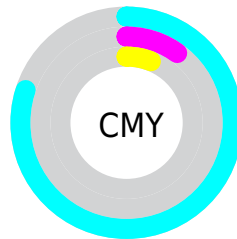
- Red (20%)
- Green (90%)
- Blue (94%)



- Red (20%)
- Yellow (56%)
- Blue (94%)



- Cyan (79%)
- Magenta (4%)
- Yellow (0%)
- Black (6%)



- Cyan (80%)
- Magenta (10%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 79.3402, -37.7961, -12.7972 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 79.3402, -37.7961, -12.7972 by changing the saturation by 10% instead.

79.3402, -37.7961,
-12.7972

79.3402, -37.7961,
-12.7972

208.6604,
-59.5650, -11.1881

67.6769, -35.1076,
-12.7250

104.4504,
-42.9399, -12.7674

56.6474, -32.3155,
-12.5918

117.8414,
-45.4223, -12.6746

46.2922, -29.3919,
-12.3922

131.7603,
-47.8584, -12.5337

36.6585, -26.2967,
-12.1224

146.1878,
-50.2557, -12.3471

27.8050, -22.9700,
-11.7811

161.1066,
-52.6204, -12.1173

19.8076, -19.3164,
-11.3743

176.5009,

12.7703, -15.9442,

-54.9575, -11.8463

-10.9362

192.3565,
-57.2712, -11.5360

■ 6.1501, -10.7627,
-12.8615

0.0000, NaN, -NF

■ 79.3402, -37.7961,
-12.7972

■ 79.3402, -37.7961,
-12.7972

■ 78.6107, -38.3835,
-13.8242

■ 80.2666, -36.4595,
-11.4995


■ 78.0368, -38.3591,
-14.6304


■ 81.4056, -34.3091,
-9.9160


■ 77.9867, -38.3449,
-14.7009


■ 82.7718, -31.3145,
-8.0400


■ 84.3732, -27.4733,
-5.8757

 86.2135, -22.8060,
-3.4352

 88.2925, -17.3510,
-0.7362

 90.6073, -11.1601,
2.1995

 93.1524, -4.2939,
5.3481

 94.8884, -0.3376,
7.4380

Harmonies

Analogous

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



79.3417, -40.4282, 8.2978



79.3402, -37.7961, -12.7972



79.3417, -26.6040, -33.2572

Triad

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



79.3417, -37.7962, -12.7960



79.3417, 30.9669, -21.7383



79.3417, 0.1042, 33.7393

Complementary

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



79.3402, -37.7961, -12.7972



46.7062, 62.6879, 26.0446

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.



79.3417, 20.9183, 29.4418



79.3402, -37.7961, -12.7972



79.3417, 39.8874, 0.1224

Square

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



79.3417, -37.7962, -12.7960



79.3417, 12.7214, -39.2863



79.3417, 36.0321, 18.3070



79.3417, -19.8821, 31.9629

Rectangle

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



79.3402, -37.7961, -12.7972



79.3417, -15.1123, -41.9798



79.3417, 36.0321, 18.3070



79.3417, 7.2561, 33.0023

Sweetspot

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



79.3417, -37.7962, -12.7960



93.8799, -21.7206, -2.2815



79.2042, -64.2707, 44.5351



43.0706, -10.9959, -1.5282

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



79.3417, -37.7962, -12.7960



84.2124, -41.3492, -15.4414



49.2496, 6.4843, -67.8500



42.1630, -5.3220, 0.9672



58.0278, -28.5709, -10.8532



16.8664, -8.3987, -2.9511

Inverse Universe

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



51.2747, 87.4014, -52.5940



52.8804, 101.3349, -59.9901



64.5592, 18.9681, 37.3401



40.0202, 3.1844, -1.2412



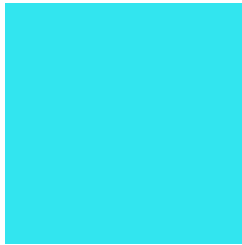
36.3216, 70.6031, -41.6551



10.4971, 20.4368, -12.2881

Previews

White Background



This preview shows how the HunterLab color 79.3402, -37.7961, -12.7972 looks on a white background.

Color Contrast Check

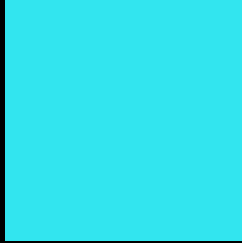
Large Text (above 18pt) WCAG AA × Fail

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 79.3402, -37.7961, -12.7972 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

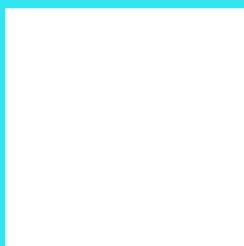
Any Text WCAG AAA ✓ Pass

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

HunterLab 79.3402, -37.7961, -12.7972 Background



This preview shows how black text looks on a background with the HunterLab color 79.3402, -37.7961, -12.7972.



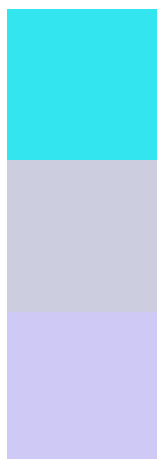
This preview shows how white text looks on a background with the HunterLab color 79.3402,

-37.7961, -12.7972.

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

79.3402, -37.7961, -12.7972

Protanopia

78.7551, -0.7814, -4.5763

Deuteranopia

78.5056, 6.0877, -16.7604



Tritanopia

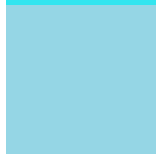
79.3791, -35.3264, -16.8286

Trichromacy



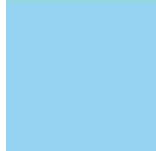
Original Color

79.3402, -37.7961, -12.7972



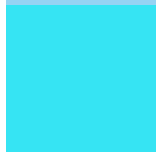
Protanomaly

77.5499, -19.2812, -9.2261



Deuteranomaly

77.1645, -14.6347, -17.8600



Tritanomaly

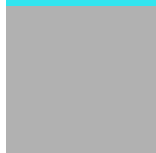
79.2099, -36.2127, -15.2950

Monochromacy



Original Color

79.3402, -37.7961, -12.7972



Achromatopsia

66.3066, -3.5380, 3.6026



Achromatomaly

69.6242, -20.5087, -3.9899

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 79.3402, -37.7961, -12.7972 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(50, 229, 239)` looks like.

```
.text, #text, p{  
    color:rgb(50, 229, 239)  
}
```

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(50, 229, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 229, 239) }
```

Border

The CSS property to change the border of an element to HunterLab 79.3402, -37.7961, -12.7972 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(50, 229, 239) }
```


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

```
.border{ border-color:rgb(50, 229, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 229, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 229, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 229, 239);  
box-shadow:4px 4px 4px 4px rgb(50, 229,  
239) }
```

Background

The CSS property to change the background color of an element to HunterLab 79.3402, -37.7961, -12.7972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 229, 239) }
```

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

```
.background{ background-color: rgb(50, 229,  
239) }
```

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