

Converting Colors

HunterLab(78.7239, -41.7247,
-8.3264)

Have a look what the booklet for
HunterLab(78.7239, -41.7247,
-8.3264) contains.

HunterLab(78.5823, -41.4294, -8.7870)	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(78.5823,
-41.4294, -8.7870)**

Conversions

Conversions Part 1

Format	Color
Hex	00E5E6
RGB	0, 229, 230
RGB Percent	0%, 90%, 90%
CMY	0.9998, 0.1019, 0.0980
CMYK	1.00, 0.00, 0.00, 0.10
HSL	180°, 100%, 45%
HSV	180°, 100%, 90%
XYZ	42.3022, 61.7518, 84.5527
YIQ	160.6430, -136.8050, -48.2370

Conversions

Conversions Part 2

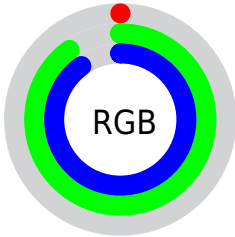
Format	Color
RYB	0, 115, 230
Decimal	58854
CIELab	82.78, -44.03, -13.52
CIELCh	83, 46.060, 197.066
Yxy	61.7541, 0.2243, 0.3274
Android (android.graphics.Color)	4278248934 (0xFF00E5E6)
YUV	160.6430, 34.1930, -140.8839
Hunter-Lab	78.5823, -41.4294, -8.7870

Details

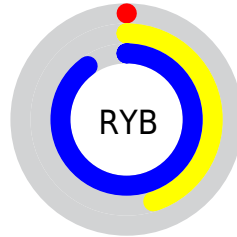
The HunterLab color **78.5823, -41.4294, -8.7870** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **41.0442, 70.1463, 26.5169**, and the grayscale version is **59.4657, -3.1729, 3.2309**.

A 20% lighter version of the original color is **90.7289, -39.2573, -6.6053**, and **57.4302, -30.0062, -7.0079** is the 20% darker color. If you saturate the color by 10%, you get **78.5834, -41.4303, -8.7864**, and if you desaturate by 10%, it is **78.7349, -41.0133, -8.5771**.

Distribution



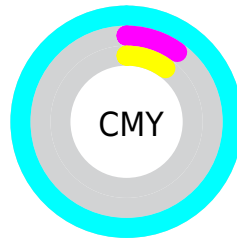
- Red (0%)
- Green (90%)
- Blue (90%)



- Red (0%)
- Yellow (45%)
- Blue (90%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (10%)





- Cyan (100%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 78.5823, -41.4294, -8.7870 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 78.5823, -41.4294, -8.7870 by changing the saturation by 10% instead.


 78.5823, -41.4294,
-8.7870


 78.5823, -41.4294,
-8.7870


207.6134,
-65.2305, -6.1009

 66.9582, -38.4502,
-8.8480


 103.6195,
-47.1020, -8.4991


 55.9703, -35.3452,
-8.8500


 116.9764,
-49.8278, -8.2815


 45.6593, -32.0810,
-8.7868


 130.8624,
-52.4958, -8.0185

 36.0732, -28.6101,
-8.6526

 145.2582,
-55.1149, -7.7126

 27.2715, -24.8614,
-8.4415

 160.1463,
-57.6924, -7.3660

 19.3315, -20.7222,
-8.1496

175.5109,

 12.3596, -17.7282,

-60.2342, -6.9808

-7.7849

191.3376,
-62.7455, -6.5585

■ 5.5501, -9.7127,
-10.1761

0.0000, NaN, -NF

■ 78.5823, -41.4294,
-8.7870

■ 78.5823, -41.4294,
-8.7870

■ 78.5834, -41.4303,
-8.7864

■ 78.7349, -41.0133,
-8.5771

■ 79.0231, -40.0583,
-8.1772

■ 79.4902, -38.4065,
-7.5303

■ 80.1582, -35.9858,
-6.6111

■ 81.0427, -32.7557,
-5.4051

■ 82.1548, -28.7025,
-3.9075

■ 83.5012, -23.8362,
-2.1215

■ 85.0849, -18.1863,
-0.0573

■ 86.9058, -11.7980,
2.2697

Harmonies

Analogous

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



78.5838, -42.0772, 12.9434



78.5823, -41.4294, -8.7870



78.5838, -31.5506, -32.2173

Triad

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



78.5838, -41.4295, -8.7859



78.5838, 30.0558, -29.2395



78.5838, 5.7233, 34.7480

Complementary

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



78.5823, -41.4294, -8.7870



41.0442, 70.1463, 26.5169

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.



78.5838, 27.4993, 28.8391



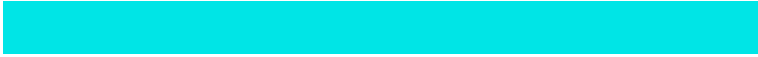
78.5823, -41.4294, -8.7870



78.5838, 42.5747, -5.5036

Square

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



78.5838, -41.4295, -8.7859



78.5838, 8.9083, -46.1181



78.5838, 41.5897, 15.4235



78.5838, -16.4965, 34.3285

Rectangle

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



78.5823, -41.4294, -8.7870



78.5838, -20.3563, -43.8529



78.5838, 41.5897, 15.4235



78.5838, 13.3832, 33.5261

Sweetspot

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



78.5838, -41.4295, -8.7859



93.8363, -26.9108, -2.4271



75.2297, -64.5076, 45.2256



43.1021, -13.5707, -1.5336

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



78.5838, -41.4295, -8.7859



88.3378, -46.5714, -9.8802



42.4050, 11.7389, -78.3386



40.4043, -5.3153, 1.1135



59.1320, -31.1781, -6.6054



16.0853, -8.4884, -1.7813

Inverse Universe

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



47.4150, 93.1241, -61.8499



53.3000, 104.6900, -69.5276



53.9366, 33.9115, 33.8273



38.2284, 3.1040, -1.4051



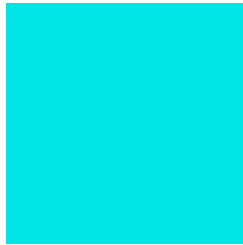
35.6757, 70.0744, -46.5487



9.6999, 19.0553, -12.6773

Previews

White Background



This preview shows how the HunterLab color 78.5823, -41.4294, -8.7870 looks on a white background.

Color Contrast Check

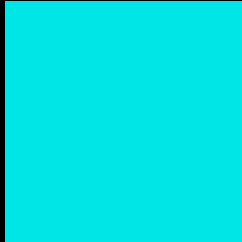
Large Text (above 18pt) WCAG AA × Fail

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 78.5823, -41.4294, -8.7870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

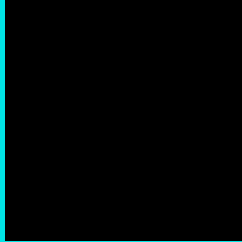
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

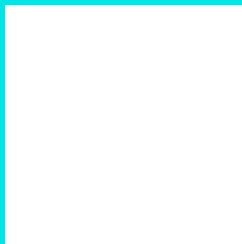
Any Text WCAG AAA ✓ Pass

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

HunterLab 78.5823, -41.4294, -8.7870 Background



This preview shows how black text looks on a background with the HunterLab color 78.5823, -41.4294, -8.7870.



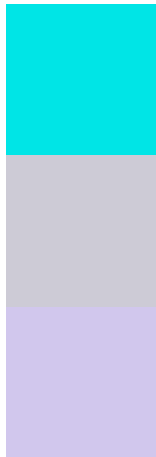
This preview shows how white text looks on a background with the HunterLab color 78.5823,

-41.4294, -8.7870.

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

78.5823, -41.4294, -8.7870

Protanopia

77.8113, -1.5794, -0.5560

Deuteranopia

77.7924, 6.1357, -13.0218



Tritanopia

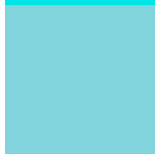
78.7414, -36.0926, -17.1580

Trichromacy



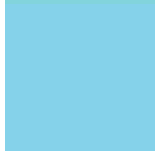
Original Color

78.5823, -41.4294, -8.7870



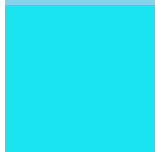
Protanomaly

75.4984, -24.1507, -7.0748



Deuteranomaly

75.5118, -19.6945, -14.9344



Tritanomaly

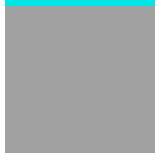
78.7386, -38.2770, -14.2274

Monochromacy



Original Color

78.5823, -41.4294, -8.7870



Achromatopsia

59.6993, -3.1854, 3.2436



Achromatomaly

64.4110, -24.3122, -3.4969

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 78.5823, -41.4294, -8.7870 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, 229, 230)` looks like.

```
.text, #text, p{  
    color:rgb(0, 229, 230)  
}
```

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, 229, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 229, 230) }
```

Border

The CSS property to change the border of an element to HunterLab 78.5823, -41.4294, -8.7870 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, 229, 230) }
```


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

```
.border{ border-color:rgb(0, 229, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 229, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 229, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 229, 230);  
box-shadow:4px 4px 4px 4px rgb(0, 229,  
230) }
```

Background

The CSS property to change the background color of an element to HunterLab 78.5823, -41.4294, -8.7870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 229, 230) }
```

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

```
.background{ background-color: rgb(0, 229,  
230) }
```

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