

Converting Colors

HunterLab(89.7519, -43.7196,
-2.7518)

Have a look what the booklet for
HunterLab(89.7519, -43.7196,
-2.7518) contains.

HunterLab(89.7471, -43.7670, -2.5341)	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(89.7471,
-43.7670, -2.5341)**

Conversions

Conversions Part 1

Format	Color
Hex	5FFFF5
RGB	95, 255, 245
RGB Percent	37%, 100%, 96%
CMY	0.6274, 0.0000, 0.0392
CMYK	0.63, 0.00, 0.04, 0.00
HSL	176°, 100%, 69%
HSV	176°, 63%, 100%
XYZ	56.9607, 80.5454, 98.9308
YIQ	206.0200, -92.1500, -37.0300

Conversions

Conversions Part 2

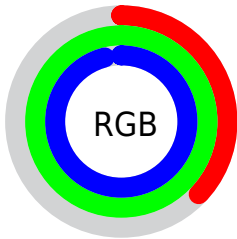
Format	Color
RYB	95, 178, 255
Decimal	6291445
CIELab	91.93, -43.66, -7.63
CIELCh	92, 44.321, 189.909
Yxy	80.5460, 0.2409, 0.3407
Android (android.graphics.Color)	4284481525 (0xFF5FFFF5)
YUV	206.0200, 19.2171, -97.3645
Hunter-Lab	89.7471, -43.7670, -2.5341

Details

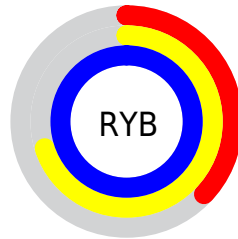
The HunterLab color **89.7471, -43.7670, -2.5341** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **55.1959, 58.2577, 20.6736**, and the grayscale version is **78.5208, -4.1897, 4.2662**.

A 20% lighter version of the original color is **92.9070, -30.9645, -3.6686**, and **66.3794, -37.1603, -2.7501** is the 20% darker color. If you saturate the color by 10%, you get **89.0503, -46.6141, -2.6152**, and if you desaturate by 10%, it is **90.6862, -40.0060, -2.1370**.

Distribution



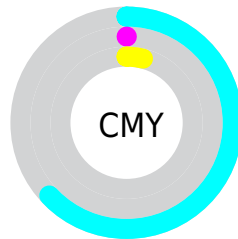
- Red (37%)
- Green (100%)
- Blue (96%)



- Red (37%)
- Yellow (70%)
- Blue (100%)



- Cyan (63%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (63%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 89.7471, -43.7670, -2.5341 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 89.7471, -43.7670, -2.5341 by changing the saturation by 10% instead.


 89.7471, -43.7670,
-2.5341


 89.7471, -43.7670,
-2.5341


222.8836,
-67.0386, 2.2678


 77.5679, -40.9003,
-2.8747


 115.8159,
-49.2609, -1.7230

 65.9954, -37.9329,
-3.1666


 129.6575,
-51.9161, -1.2567

 55.0635, -34.8390,
-3.4062


 144.0105,
-54.5225, -0.7531

 44.8124, -31.5844,
-3.5884


158.8573,
-57.0874, -0.2140

 35.2907, -28.1206,
-3.7068

174.1818,
-59.6168, 0.3590

 26.5592, -24.3745,
-3.7532

189.9696,

 18.6971, -20.2297,

-62.1157, 0.9645

-3.7170

206.2076,
-64.5884, 1.6011

■ 11.8142, -17.8128,
-3.5851

■ 4.6215, -8.0877,
-6.5891

■ 89.7471, -43.7670,
-2.5341

■ 89.7471, -43.7670,
-2.5341

■ 89.0503, -46.6141,
-2.6152

■ 90.6862, -40.0060,
-2.1370

■ 88.5750, -48.6051,
-2.4043

■ 91.8808, -35.3138,
-1.4074

■ 88.2938, -49.8324,
-1.9397

■ 93.3400, -29.6963,
-0.3401

■ 88.1793, -50.3676,
-1.4872

■ 95.0685, -23.1846,
1.0619

■ 97.0669, -15.8288,
2.7884

■ 99.3327, -7.6932,
4.8238

■ 100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



89.7474, -42.1163, 17.9743



89.7471, -43.7670, -2.5341



89.7474, -35.7953, -25.9398

Triad

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



89.7474, -43.7657, -2.5346



89.7474, 24.8681, -33.0249



89.7474, 10.6504, 35.7161

Complementary

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



89.7471, -43.7670, -2.5341



55.1959, 58.2577, 20.6736

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.



89.7474, 31.0872, 27.5932



89.7471, -43.7670, -2.5341



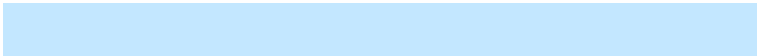
89.7474, 39.8429, -10.5310

Square

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



89.7474, -43.7657, -2.5346



89.7474, 2.8187, -46.2119



89.7474, 42.2253, 11.7211



89.7474, -12.1602, 36.8461

Rectangle

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



89.7471, -43.7670, -2.5341



89.7474, -25.5872, -38.8223



89.7474, 42.2253, 11.7211



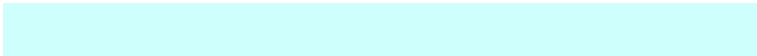
89.7474, 18.0847, 33.8298

Sweetspot

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



89.7474, -43.7657, -2.5346



95.7848, -20.5277, 1.6707



86.8278, -62.0464, 45.0225



44.0595, -10.4415, 0.5557

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



89.7474, -43.7657, -2.5346



88.9245, -47.1360, -2.5919



66.8074, -9.3449, -42.9593



45.2335, -6.1425, 1.5797



63.7475, -36.3690, -1.1687



19.9059, -11.2625, -0.5680

Inverse Universe

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



55.1959, 58.2577, 20.6736



50.4146, 68.8142, 24.2926



69.8272, 22.5967, 34.2285



42.4329, 1.6952, 3.2822



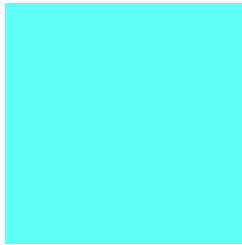
33.3695, 57.2255, 20.9487



10.4420, 17.9659, 6.0993

Previews

White Background



This preview shows how the HunterLab color 89.7471, -43.7670, -2.5341 looks on a white background.

Color Contrast Check

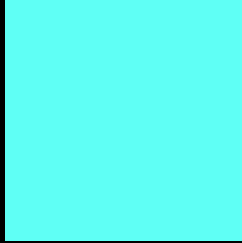
Large Text (above 18pt) WCAG AA × Fail

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 89.7471, -43.7670, -2.5341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

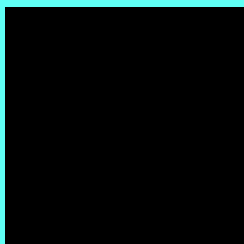
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

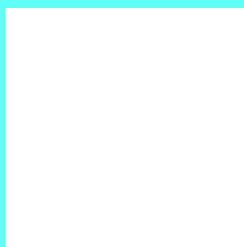
Any Text WCAG AAA ✓ Pass

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

HunterLab 89.7471, -43.7670, -2.5341 Background



This preview shows how black text looks on a background with the HunterLab color 89.7471, -43.7670, -2.5341.



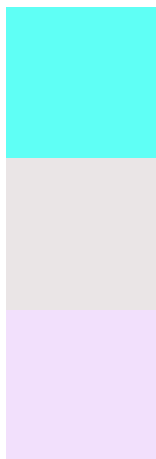
This preview shows how white text looks on a background with the HunterLab color 89.7471,

-43.7670, -2.5341.

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

89.7471, -43.7670, -2.5341

Protanopia

89.0192, -2.9205, 4.9407

Deuteranopia

89.0038, 6.3791, -6.3941



Tritanopia

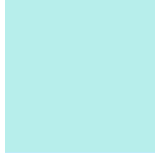
89.1599, -22.2641, -8.3626

Trichromacy



Original Color

89.7471, -43.7670, -2.5341



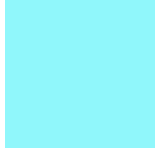
Protanomaly

87.8718, -21.5368, 0.7370



Deuteranomaly

87.7924, -15.7986, -6.7053



Tritanomaly

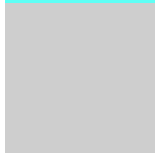
89.1156, -31.4148, -6.3586

Monochromacy



Original Color

89.7471, -43.7670, -2.5341



Achromatopsia

78.5625, -4.1919, 4.2684



Achromatomaly

81.6000, -21.8317, 0.7016

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 89.7471, -43.7670, -2.5341 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(95, 255, 245)` looks like.

```
.text, #text, p{  
    color:rgb(95, 255, 245)  
}
```

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(95, 255, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 255, 245) }
```

Border

The CSS property to change the border of an element to HunterLab 89.7471, -43.7670, -2.5341 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(95, 255, 245) }
```


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

```
.border{ border-color:rgb(95, 255, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 255, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 255, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 255, 245);  
box-shadow:4px 4px 4px 4px rgb(95, 255,  
245) }
```

Background

The CSS property to change the background color of an element to HunterLab 89.7471, -43.7670, -2.5341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 255, 245) }
```

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

```
.background{ background-color: rgb(95, 255,  
245) }
```

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