

Converting Colors

HunterLab(89.5078, -46.9269,
14.3757)

Have a look what the booklet for
HunterLab(89.5078, -46.9269,
14.3757) contains.

HunterLab(89.5078, -46.9269, 14.3757)	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(89.5078,
-46.9269, 14.3757)**

Conversions

Conversions Part 1

Format	Color
Hex	78FFD1
RGB	120, 255, 209
RGB Percent	47%, 100%, 82%
CMY	0.5294, 0.0000, 0.1804
CMYK	0.53, 0.00, 0.18, 0.00
HSL	160°, 100%, 74%
HSV	160°, 53%, 100%
XYZ	55.0143, 80.1165, 72.8861
YIQ	209.3910, -65.6940, -42.9260

Conversions

Conversions Part 2

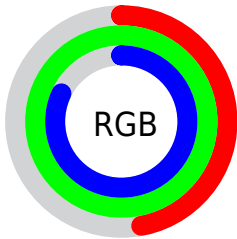
Format	Color
RYB	120, 201, 255
Decimal	7929809
CIELab	91.74, -47.69, 10.80
CIELCh	92, 48.897, 167.242
Yxy	80.1169, 0.2645, 0.3851
Android (android.graphics.Color)	4286119889 (0xFF78FFD1)
YUV	209.3910, -0.1928, -78.3959
Hunter-Lab	89.5078, -46.9269, 14.3757

Details

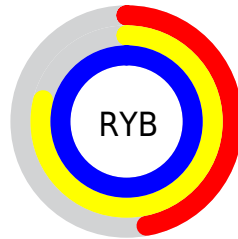
The HunterLab color **89.5078, -46.9269, 14.3757** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **61.1941, 52.8761, 3.6784**, and the grayscale version is **80.0393, -4.2707, 4.3487**.

A 20% lighter version of the original color is **94.0443, -26.7182, -2.1633**, and **65.6170, -40.4265, 11.7050** is the 20% darker color. If you saturate the color by 10%, you get **88.3805, -51.8848, 16.7648**, and if you desaturate by 10%, it is **90.9018, -40.9828, 12.1710**.

Distribution



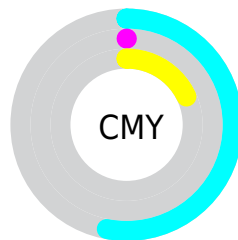
- Red (47%)
- Green (100%)
- Blue (82%)



- Red (47%)
- Yellow (79%)
- Blue (100%)



- Cyan (53%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (53%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 89.5078, -46.9269, 14.3757 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 89.5078, -46.9269, 14.3757 by changing the saturation by 10% instead.


 89.5078, -46.9269,
14.3757

 89.5078, -46.9269,
14.3757


222.5594,
-71.7896, 25.3391


 77.3399, -43.8380,
13.2062


 115.5552,
-52.8300, 16.7337

 65.7793, -40.6331,
12.0409


 129.3869,
-55.6749, 17.9270

 54.8602, -37.2835,
10.8752


 143.7303,
-58.4626, 19.1312

 44.6226, -33.7511,
9.7035

158.5676,
-61.2015, 20.3471

 35.1154, -29.9812,
8.5173

173.8831,
-63.8984, 21.5755

 26.3997, -25.8924,
7.3034

189.6622,

 18.5553, -21.3556,

-66.5590, 22.8167

6.0391

205.8917,
-69.1880, 24.0711

■ 11.6925, -19.3806,
4.8388

■ 4.3855, -7.6747,
3.0699

■ 89.5078, -46.9269,
14.3757

■ 89.5078, -46.9269,
14.3757

■ 88.3805, -51.8848,
16.7648

■ 90.9018, -40.9828,
12.1710

■ 87.5069, -55.8623,
19.3022

■ 92.5690, -34.0824,
10.1842

■ 86.8682, -58.8980,
21.9434

■ 94.5122, -26.2759,
8.4394

■ 86.4374, -61.0760,
24.6387

■ 96.7301, -17.6319,
6.9539

■ 86.2272, -62.2174,
26.5330

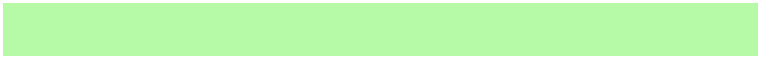
■ 99.2182, -8.2308,
5.7384

100.0000, -5.3358,
5.4332

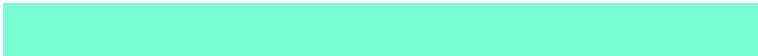
Harmonies

Analogous

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



89.5080, -37.3486, 30.6455



89.5078, -46.9269, 14.3757



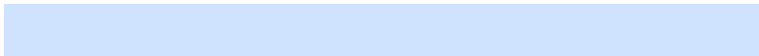
89.5080, -46.1421, -9.7362

Triad

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



89.5080, -46.9260, 14.3751



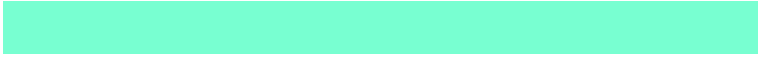
89.5080, 9.8860, -50.5846



89.5080, 30.1699, 32.3181

Complementary

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



89.5078, -46.9269, 14.3757



61.1941, 52.8761, 3.6784

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.



89.5080, 45.7951, 17.3698



89.5078, -46.9269, 14.3757



89.5080, 33.2329, -31.9744

Square

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



89.5080, -46.9260, 14.3751



89.5080, -15.1299, -52.0377



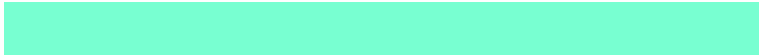
89.5080, 46.9738, -5.8024



89.5080, 6.0611, 38.9294

Rectangle

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



89.5078, -46.9269, 14.3757



89.5080, -39.8573, -27.3765



89.5080, 46.9738, -5.8024



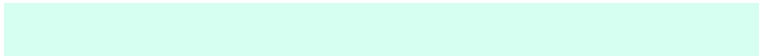
89.5080, 36.6981, 28.3221

Sweetspot

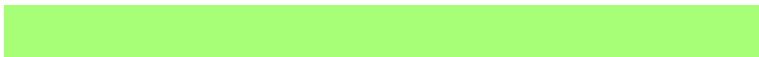
The Sweet Spot groups the original color and five complimentary colors.



89.5080, -46.9260, 14.3751



96.0224, -20.3615, 7.3802



90.0662, -48.3349, 42.9539



44.2107, -10.2506, 3.5536

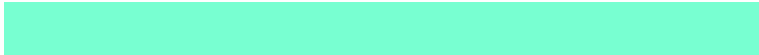
0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



89.5080, -46.9260, 14.3751



88.2761, -52.3527, 17.0276



83.9567, -29.0679, -15.5869



45.1332, -6.7008, 3.0098



62.3533, -44.8309, 18.8408



19.5090, -13.6663, 5.1170

Inverse Universe

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



61.1941, 52.8761, 3.6784



55.6768, 63.9825, 5.8537



64.3789, 37.1861, 23.9551



42.5314, 2.2254, 1.8755



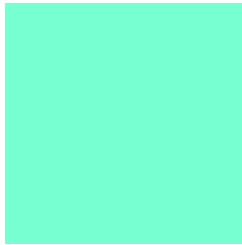
33.9004, 59.1870, 13.1349



10.6700, 18.8056, 2.7639

Previews

White Background



This preview shows how the HunterLab color 89.5078, -46.9269, 14.3757 looks on a white background.

Color Contrast Check

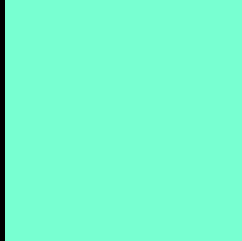
Large Text (above 18pt) WCAG AA × Fail

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 89.5078, -46.9269, 14.3757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

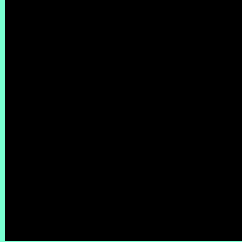
Any Text WCAG AA ✓ Pass

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 89.5078, -46.9269, 14.3757 Background



This preview shows how black text looks on a background with the HunterLab color 89.5078, -46.9269, 14.3757.



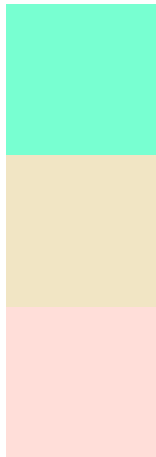
This preview shows how white text looks on a background with the HunterLab color 89.5078,

-46.9269, 14.3757.

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

89.5078, -46.9269, 14.3757

Protanopia

88.7271, -5.8795, 19.6723

Deuteranopia

88.6072, 5.8679, 10.7764



Tritanopia

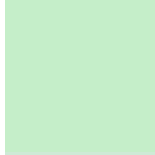
89.0846, -20.8282, -8.4370

Trichromacy



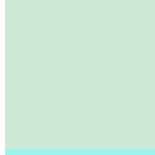
Original Color

89.5078, -46.9269, 14.3757



Protanomaly

87.8843, -23.5176, 16.4628



Deuteranomaly

87.6484, -16.9077, 10.6778



Tritanomaly

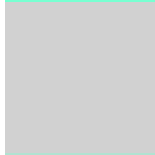
88.9677, -31.1020, 0.3708

Monochromacy



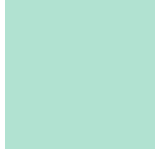
Original Color

89.5078, -46.9269, 14.3757



Achromatopsia

79.8497, -4.2606, 4.3384



Achromatomaly

82.6700, -21.9520, 7.2946

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 89.5078, -46.9269, 14.3757 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(120, 255, 209)` looks like.

```
.text, #text, p{  
    color:rgb(120, 255, 209)  
}
```

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(120, 255, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 255, 209) }
```

Border

The CSS property to change the border of an element to HunterLab 89.5078, -46.9269, 14.3757 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(120, 255, 209) }
```


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

```
.border{ border-color:rgb(120, 255, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 255, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 255, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 255, 209);  
box-shadow:4px 4px 4px 4px rgb(120, 255,  
209) }
```

Background

The CSS property to change the background color of an element to HunterLab 89.5078, -46.9269, 14.3757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 255, 209) }
```

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

```
.background{ background-color: rgb(120,  
255, 209) }
```

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