

Converting Colors

HunterLab(84.8913, -48.1190,
3.4074)

Have a look what the booklet for
HunterLab(84.8913, -48.1190,
3.4074) contains.

HunterLab(84.8854, -47.9752, 3.1967)	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(84.8854,
-47.9752, 3.1967)**

Conversions

Conversions Part 1

Format	Color
Hex	39F6DE
RGB	57, 246, 222
RGB Percent	22%, 96%, 87%
CMY	0.7764, 0.0353, 0.1294
CMYK	0.77, 0.00, 0.10, 0.04
HSL	172°, 91%, 59%
HSV	172°, 77%, 96%
XYZ	47.8279, 72.0553, 80.4945
YIQ	186.7530, -104.9400, -47.5320

Conversions

Conversions Part 2

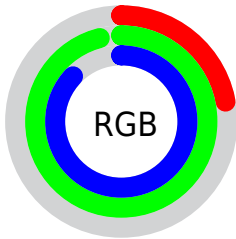
Format	Color
RYB	57, 158, 246
Decimal	3798750
CIELab	88.00, -50.56, -1.54
CIELCh	88, 50.583, 181.743
Yxy	72.0581, 0.2387, 0.3596
Android (android.graphics.Color)	4281988830 (0xFF39F6DE)
YUV	186.7530, 17.3768, -113.7934
Hunter-Lab	84.8854, -47.9752, 3.1967

Details

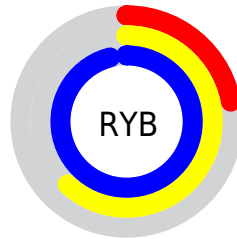
The HunterLab color **84.8854, -47.9752, 3.1967** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **48.0783, 67.9229, 21.2114**, and the grayscale version is **70.3530, -3.7539, 3.8224**.

A 20% lighter version of the original color is **91.5469, -36.1175, -5.4939**, and **62.5981, -37.7662, 3.2843** is the 20% darker color. If you saturate the color by 10%, you get **84.4604, -49.8794, 4.1846**, and if you desaturate by 10%, it is **85.5181, -45.2703, 2.4539**.

Distribution



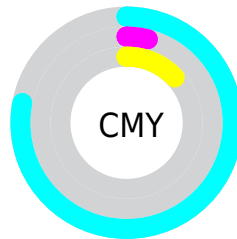
- Red (22%)
- Green (96%)
- Blue (87%)



- Red (22%)
- Yellow (62%)
- Blue (96%)



- Cyan (77%)
- Magenta (0%)
- Yellow (10%)
- Black (4%)





- Cyan (78%)
- Magenta (4%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 84.8854, -47.9752, 3.1967 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 84.8854, -47.9752, 3.1967 by changing the saturation by 10% instead.


 84.8854, -47.9752,
3.1967


 84.8854, -47.9752,
3.1967


216.2738,
-74.1657, 9.8367


 72.9425, -44.6843,
2.6165


 110.5166,
-54.2393, 4.4641

 61.6176, -41.2555,
2.0726


 124.1519,
-57.2457, 5.1459

 50.9483, -37.6555,
1.5688


 138.3060,
-60.1853, 5.8580

 40.9777, -33.8378,
1.1083

 152.9605,
-63.0677, 6.5994

 31.7586, -29.7349,
0.6953

168.0990,
-65.9009, 7.3688

 23.3583, -25.2445,
0.3351

183.7062,

 15.8659, -20.3466,

-68.6914, 8.1654

0.0357

199.7687,
-71.4448, 8.9883

■ 9.4089, -16.4655,
-0.1910

0.0000, NaN, NaN

■ 84.8854, -47.9752,
3.1967

■ 84.8854, -47.9752,
3.1967

■ 84.4604, -49.8794,
4.1846

■ 85.5181, -45.2703,
2.4539


■ 84.2077, -51.0893,
5.3697


■ 86.3750, -41.7014,
1.9859


■ 84.1474, -51.3932,
5.7662


■ 87.4728, -37.2411,
1.8168


■ 88.8215, -31.8903,
1.9611

 90.4266, -25.6746,
2.4247

 92.2898, -18.6390,
3.2065

 94.4092, -10.8435,
4.2988

 96.7807, -2.3574,
5.6885

 96.9966, -1.4127,
4.4001

Harmonies

Analogous

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



84.8870, -43.3511, 23.7754



84.8854, -47.9752, 3.1967



84.8870, -42.1436, -23.5802

Triad

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



84.8870, -47.9756, 3.1977



84.8870, 22.6691, -45.0390



84.8870, 19.8025, 36.1619

Complementary

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



84.8854, -47.9752, 3.1967



48.0783, 67.9229, 21.2114

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.



84.8870, 41.0332, 25.5785



84.8854, -47.9752, 3.1967



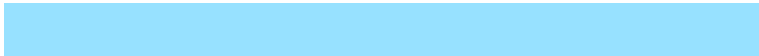
84.8870, 42.8202, -20.3990

Square

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



84.8870, -47.9756, 3.1977



84.8870, -3.0458, -56.0363



84.8870, 49.9006, 6.0193



84.8870, -6.0119, 39.1347

Rectangle

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



84.8854, -47.9752, 3.1967



84.8870, -32.6617, -40.4607



84.8870, 49.9006, 6.0193



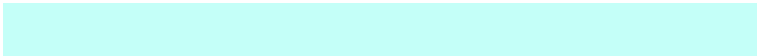
84.8870, 27.8124, 33.5672

Sweetspot

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



84.8870, -47.9756, 3.1977



94.8959, -24.0707, 2.7950



82.4698, -63.8188, 46.9162



43.5918, -12.3214, 1.1734

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.8870, -47.9756, 3.1977



87.8182, -52.7113, 4.9976



62.3321, -11.7514, -44.7335



43.2660, -5.9888, 1.8348



61.4881, -37.4750, 4.0430



18.2561, -10.9458, 0.8103

Inverse Universe

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



48.0783, 67.9229, 21.2114



46.9111, 78.0122, 26.4304



59.0677, 36.3868, 33.1472



40.6408, 1.7211, 2.8307



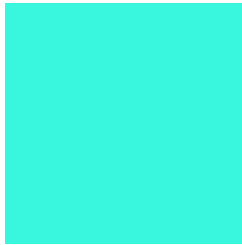
32.4382, 55.7501, 19.4203



9.6720, 16.7323, 4.9416

Previews

White Background



This preview shows how the HunterLab color 84.8854, -47.9752, 3.1967 looks on a white background.

Color Contrast Check

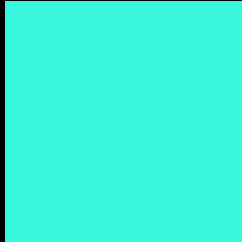
Large Text (above 18pt) WCAG AA × Fail

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 84.8854, -47.9752, 3.1967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

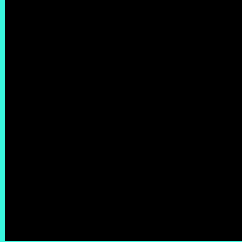
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

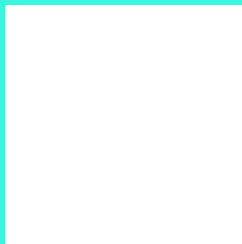
Any Text WCAG AAA ✓ Pass

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

HunterLab 84.8854, -47.9752, 3.1967 Background



This preview shows how black text looks on a background with the HunterLab color 84.8854, -47.9752, 3.1967.



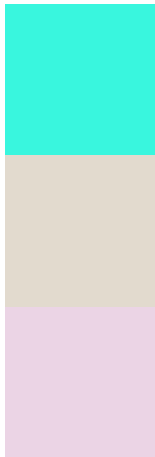
This preview shows how white text looks on a background with the HunterLab color 84.8854,

-47.9752, 3.1967.

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

84.8854, -47.9752, 3.1967

Protanopia

84.1236, -3.8282, 10.6147

Deuteranopia

83.9084, 6.2150, -0.5668



Tritanopia

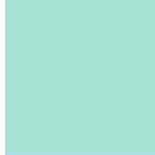
84.7819, -31.6564, -14.4734

Trichromacy



Original Color

84.8854, -47.9752, 3.1967



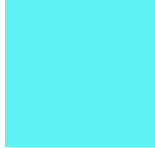
Protanomaly

82.6073, -25.4058, 5.7517



Deuteranomaly

82.0660, -19.7217, -1.7591



Tritanomaly

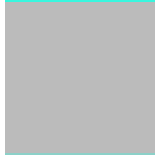
84.6811, -38.2704, -7.8590

Monochromacy



Original Color

84.8854, -47.9752, 3.1967



Achromatopsia

70.4935, -3.7614, 3.8300



Achromatomaly

74.0657, -24.0647, 1.4752

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.8854, -47.9752, 3.1967 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(57, 246, 222)` looks like.

```
.text, #text, p{  
    color:rgb(57, 246, 222)  
}
```

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(57, 246, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 246, 222) }
```

Border

The CSS property to change the border of an element to HunterLab 84.8854, -47.9752, 3.1967 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(57, 246, 222) }
```


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

```
.border{ border-color:rgb(57, 246, 222) }
```

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

Here you see how a box with a 4 pixel rgb(57, 246, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 246, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 246, 222);  
box-shadow:4px 4px 4px 4px rgb(57, 246,  
222) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.8854, -47.9752, 3.1967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 246, 222) }
```

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

```
.background{ background-color: rgb(57, 246,  
222) }
```

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