

# Converting Colors

HunterLab(83.3869, -52.7074,  
20.1363)

Have a look what the booklet for  
HunterLab(83.3869, -52.7074,  
20.1363) contains.

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# Color

**HunterLab(83.3869,  
-52.7074, 20.1363)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DF4B3
RGB	77, 244, 179
RGB Percent	30%, 96%, 70%
CMY	0.6980, 0.0431, 0.2980
CMYK	0.68, 0.00, 0.27, 0.04
HSL	157°, 88%, 63%
HSV	157°, 68%, 96%
XYZ	43.5479, 69.5338, 53.7740
YIQ	186.6570, -78.6670, -55.6190

# Conversions

## Conversions Part 2

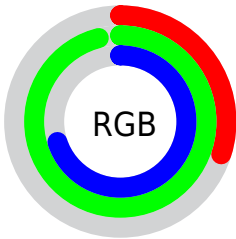
Format	Color
<a href="#">RYB</a>	<a href="#">77, 181, 244</a>
Decimal	<a href="#">5108915</a>
CIELab	<a href="#">86.77, -57.50, 19.10</a>
CIElCh	<a href="#">87, 60.593, 161.628</a>
Yxy	<a href="#">69.5365, 0.2610, 0.4167</a>
Android (android.graphics.Color)	<a href="#">4283298995 (0xFF4DF4B3)</a>
YUV	<a href="#">186.6570, -3.7749, -96.1692</a>
Hunter-Lab	<a href="#">83.3869, -52.7074, 20.1363</a>

# Details

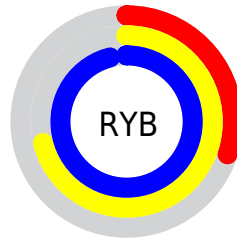
The HunterLab color **83.3869, -52.7074, 20.1363** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **51.4737, 65.4402, 3.3833**, and the grayscale version is **70.3900, -3.7558, 3.8244**.

A 20% lighter version of the original color is **91.3496, -38.2096, 4.6071**, and **60.8663, -43.3575, 17.5190** is the 20% darker color. If you saturate the color by 10%, you get **82.6641, -56.1113, 22.8540**, and if you desaturate by 10%, it is **84.3483, -48.3685, 17.4867**.

# Distribution



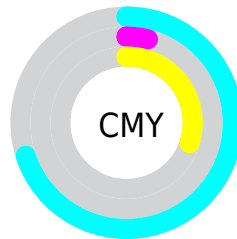
- Red (30%)
- Green (96%)
- Blue (70%)



- Red (30%)
- Yellow (71%)
- Blue (96%)



- Cyan (68%)
- Magenta (0%)
- Yellow (27%)
- Black (4%)




- Cyan (70%)
- Magenta (4%)
- Yellow (30%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.3869, -52.7074, 20.1363 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 83.3869, -52.7074, 20.1363 by changing the saturation by 10% instead.




 83.3869, -52.7074,  
20.1363


 83.3869, -52.7074,  
20.1363


214.2244,  
-81.8002, 34.1571

 71.5184, -49.0007,  
18.5350


 108.8795,  
-59.7288, 23.2870


 60.2719, -45.1237,  
16.9049


 122.4498,  
-63.0832, 24.8455

 49.6859, -41.0364,  
15.2355


 136.5413,  
-66.3540, 26.3982

 39.8044, -36.6822,  
13.5110

 151.1353,  
-69.5531, 27.9480

 30.6819, -31.9794,  
11.7082

166.2152,  
-72.6898, 29.4971

 22.3876, -26.8051,  
9.7907

181.7657,

 15.0144, -21.9869,

-75.7723, 31.0473

7.8006

197.7730,  
-78.8072, 32.6002

■ 8.6566, -15.1491,  
6.0596

0.0000, NaN, NaN

■ 83.3869, -52.7074,  
20.1363

■ 83.3869, -52.7074,  
20.1363

■ 82.6641, -56.1113,  
22.8540

■ 84.3483, -48.3685,  
17.4867

■ 82.1534, -58.6349,  
25.5916


■ 85.5580, -43.0743,  
14.9443


■ 81.8210, -60.4048,  
28.2953


■ 87.0268, -36.8396,  
12.5470


■ 81.7769, -60.6467,  
28.7049


■ 88.7590, -29.7046,  
10.3259

 90.7550, -21.7297,  
8.3062

 93.0118, -12.9889,  
6.5066

 95.5235, -3.5644,  
4.9390

 96.5311, 0.5242,  
1.3919

 96.5317, 0.5275,  
1.3834

# Harmonies

## Analogous

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



83.3886, -39.6220, 36.1672



83.3869, -52.7074, 20.1363



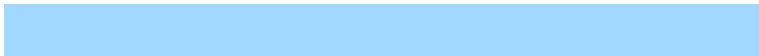
83.3886, -54.0402, -7.3774

# Triad

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



83.3886, -52.7082, 20.1371



83.3886, 7.5735, -69.6966



83.3886, 43.5298, 33.5232

# Complementary

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



83.3869, -52.7074, 20.1363



51.4737, 65.4402, 3.3833

# 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.



83.3886, 60.3699, 14.9210



83.3869, -52.7074, 20.1363



83.3886, 37.7231, -48.1928

# Square

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



83.3886, -52.7082, 20.1371



83.3886, -21.9747, -66.7234



83.3886, 58.1054, -14.8112



83.3886, 14.6448, 41.7818



# Rectangle

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



83.3869, -52.7074, 20.1363



83.3886, -48.3531, -29.9265



83.3886, 58.1054, -14.8112



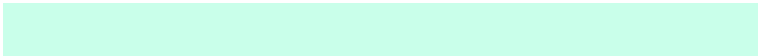
83.3886, 50.9604, 28.6173

# Sweetspot

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



83.3886, -52.7082, 20.1371



94.8417, -25.1134, 9.2650



84.3513, -52.0512, 46.1298



43.6058, -12.7035, 4.5555

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



83.3886, -52.7082, 20.1371



86.6830, -60.0918, 25.1076



79.5076, -33.7479, -15.4252



43.1765, -6.4870, 3.1111



60.3233, -44.5785, 20.8332



17.9398, -12.8703, 5.3601



# Inverse Universe

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



51.4737, 65.4402, 3.3833



49.7454, 78.2312, 7.9735



52.6524, 52.3668, 25.4536



40.7300, 2.2006, 1.5587



33.0632, 58.0549, 10.2552

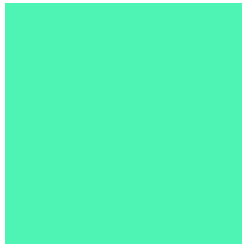


9.9011, 17.5738, 1.6083



# Previews

## White Background



This preview shows how the HunterLab color 83.3869, -52.7074, 20.1363 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

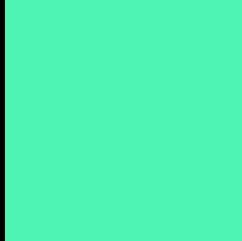
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 83.3869, -52.7074, 20.1363 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

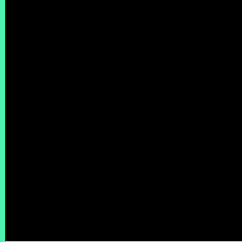
Any Text WCAG AA ✓ Pass

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 83.3869, -52.7074, 20.1363 Background



This preview shows how black text looks on a background with the HunterLab color 83.3869, -52.7074, 20.1363.



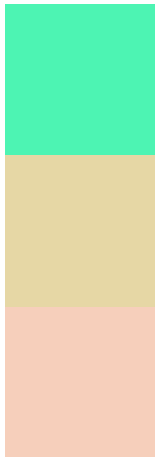
This preview shows how white text looks on a background with the HunterLab color 83.3869,

-52.7074, 20.1363.

# 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

83.3869, -52.7074, 20.1363

### Protanopia

82.5472, -6.6587, 25.1807

### Deuteranopia

82.3446, 6.0950, 16.9961



## Tritanopia

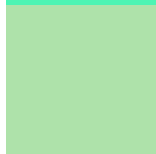
83.1043, -31.1301, -15.6355

# Trichromacy



## Original Color

83.3869, -52.7074, 20.1363



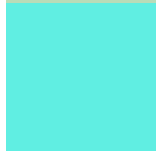
## Protanomaly

81.4209, -28.6890, 21.9757



## Deuteranomaly

80.5986, -20.8957, 15.9402



## Tritanomaly

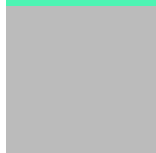
83.1426, -40.0304, -0.7783

# Monochromacy



## Original Color

83.3869, -52.7074, 20.1363



## Achromatopsia

70.4935, -3.7614, 3.8300



## Achromatomaly

74.0105, -25.2306, 8.8353

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 83.3869, -52.7074, 20.1363 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(77, 244, 179)` looks like.

```
.text, #text, p{  
    color:rgb(77, 244, 179)  
}
```

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(77, 244, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 244, 179) }
```

## Border

The CSS property to change the border of an element to HunterLab 83.3869, -52.7074, 20.1363 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(77, 244, 179) }
```



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

```
.border{ border-color:rgb(77, 244, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 244, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 244, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 244, 179);  
box-shadow:4px 4px 4px 4px rgb(77, 244,  
179) }
```

# Background

The CSS property to change the background color of an element to HunterLab 83.3869, -52.7074, 20.1363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 244, 179) }
```

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

```
.background{ background-color: rgb(77, 244,  
179) }
```

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](#).

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