

# Converting Colors

HunterLab(74.9989, -51.1221,  
20.9827)

Have a look what the booklet for  
HunterLab(74.9989, -51.1221,  
20.9827) contains.

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# Color

**HunterLab(74.9835,  
-51.1996, 21.1348)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2EE09A
RGB	46, 224, 154
RGB Percent	18%, 88%, 60%
CMY	0.8196, 0.1216, 0.3961
CMYK	0.79, 0.00, 0.31, 0.12
HSL	156°, 74%, 53%
HSV	156°, 79%, 88%
XYZ	33.6151, 56.2253, 39.6527
YIQ	162.7980, -83.6180, -59.5060

# Conversions

## Conversions Part 2

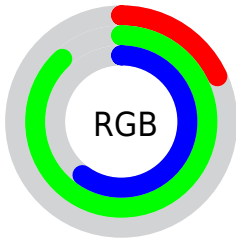
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 157, 224
Decimal	3072154
CIELab	79.74, -59.09, 22.25
CIELCh	80, 63.139, 159.367
Yxy	56.2275, 0.2596, 0.4342
Android (android.graphics.Color)	4281262234 (0xFF2EE09A)
YUV	162.7980, -4.3374, -102.4318
Hunter-Lab	74.9835, -51.1996, 21.1348

# Details

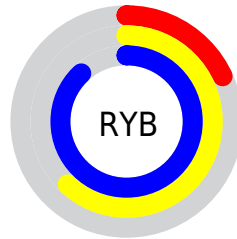
The HunterLab color **74.9835, -51.1996, 21.1348** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **43.6618, 66.1559, 5.6218**, and the grayscale version is **60.4796, -3.2270, 3.2860**.

A 20% lighter version of the original color is **89.5480, -46.7684, 14.4212**, and **53.4946, -39.3364, 18.0523** is the 20% darker color. If you saturate the color by 10%, you get **74.5339, -53.4394, 23.6206**, and if you desaturate by 10%, it is **75.6271, -48.1732, 18.6619**.

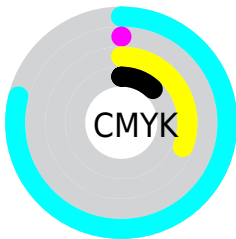
# Distribution



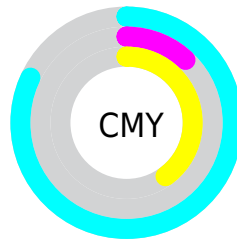
- Red (18%)
- Green (88%)
- Blue (60%)



- Red (18%)
- Yellow (62%)
- Blue (88%)



- Cyan (79%)
- Magenta (0%)
- Yellow (31%)
- Black (12%)



- Cyan (82%)
- Magenta (12%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.9835, -51.1996, 21.1348 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 74.9835, -51.1996, 21.1348 by changing the saturation by 10% instead.



■ 74.9835, -51.1996,  
21.1348

■ 74.9835, -51.1996,  
21.1348

202.6199,  
-81.4564, 36.4417

■ 63.5495, -47.2805,  
19.3343

■ 99.6680, -58.5713,  
24.6359

■ 52.7628, -43.1565,  
17.4838

■ 112.8598,  
-62.0736, 26.3513

■ 42.6666, -38.7755,  
15.5666

■ 126.5872,  
-65.4788, 28.0513

■ 33.3119, -34.0622,  
13.5577

■ 140.8300,  
-68.8007, 29.7400

■ 24.7629, -28.9055,  
11.4194

■ 155.5702,  
-72.0508, 31.4209

■ 17.1042, -23.3057,  
9.1154

170.7915,

■ 10.4545, -18.2954,

-75.2384, 33.0967

7.3182

186.4792,  
-78.3714, 34.7697

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.9835, -51.1996,  
21.1348

■ 74.9835, -51.1996,  
21.1348

■ 74.5339, -53.4394,  
23.6206

■ 75.6271, -48.1732,  
18.6619

■ 74.2358, -55.0295,  
26.0631

■ 76.4799, -44.3046,  
16.2414


■ 74.2215, -55.1074,  
26.1906


■ 77.5569, -39.5764,  
13.9114


■ 78.8666, -33.9994,  
11.7056

■ 80.4132, -27.6081,

9.6529

 82.1972, -20.4554,  
7.7764

 84.2163, -12.6070,  
6.0938

 86.4652, -4.1363,  
4.6168

 88.9372, 4.8805,  
3.3519

# Harmonies

## Analogous

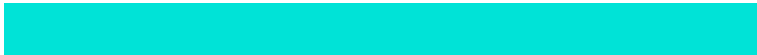
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.9850, -37.5640, 35.5778



74.9835, -51.1996, 21.1348



74.9850, -53.3586, -5.5335

# Triad

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



74.9850, -51.2003, 21.1354



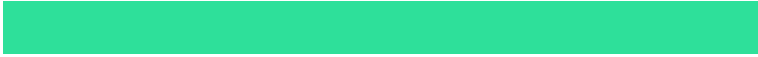
74.9850, 5.7373, -74.0088



74.9850, 46.6874, 31.4575

# Complementary

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



74.9835, -51.1996, 21.1348



43.6618, 66.1559, 5.6218

# 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.



74.9850, 62.7425, 12.5711



74.9835, -51.1996, 21.1348



74.9850, 36.7423, -52.8109

# Square

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



74.9850, -51.2003, 21.1354



74.9850, -23.4917, -68.7296



74.9850, 58.8388, -18.2484



74.9850, 17.7002, 39.6776

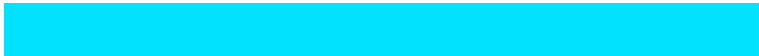


# Rectangle

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



74.9835, -51.1996, 21.1348



74.9850, -48.4095, -28.5873



74.9850, 58.8388, -18.2484



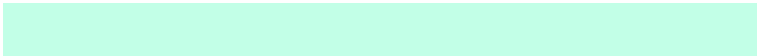
74.9850, 53.9697, 26.5316

# Sweetspot

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



74.9850, -51.2003, 21.1354



94.1958, -27.7005, 10.0040



75.7012, -51.0955, 43.7273



43.2431, -14.1702, 4.9946

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



74.9850, -51.2003, 21.1354



86.1001, -63.0966, 29.1334



70.8547, -31.5334, -15.9047



39.3399, -5.8826, 2.8453



56.6458, -41.9162, 19.6829



14.9719, -10.6762, 4.3332



# Inverse Universe

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



43.6618, 66.1559, 5.6218



47.5654, 82.2133, 13.0572



44.3736, 55.3249, 24.8568



37.1340, 1.9725, 1.4085



31.0747, 54.6070, 9.3006

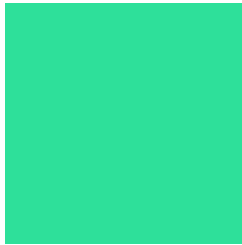


8.2860, 14.7597, 0.9384



# Previews

## White Background



This preview shows how the HunterLab color 74.9835, -51.1996, 21.1348 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

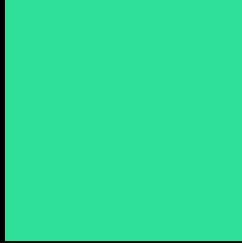
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 74.9835, -51.1996, 21.1348 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

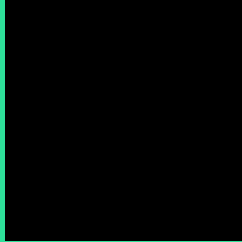
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

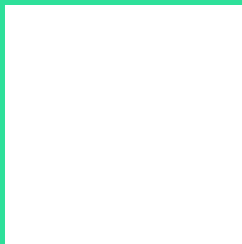
Any Text WCAG AAA ✓ Pass

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

## HunterLab 74.9835, -51.1996, 21.1348 Background



This preview shows how black text looks on a background with the HunterLab color 74.9835, -51.1996, 21.1348.



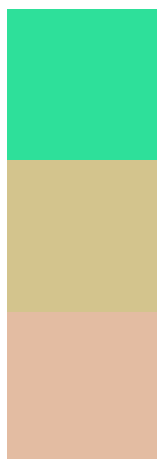
This preview shows how white text looks on a background with the HunterLab color 74.9835,

-51.1996, 21.1348.

# 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

74.9835, -51.1996, 21.1348

### Protanopia

74.3316, -6.6203, 25.5868

### Deuteranopia

74.0986, 5.6706, 18.4074



## Tritanopia

74.7968, -29.3680, -14.9411

# Trichromacy



## Original Color

74.9835, -51.1996, 21.1348



## Protanomaly

72.6617, -28.8401, 22.0792



## Deuteranomaly

72.0094, -22.2953, 16.9745



## Tritanomaly

74.7530, -38.5437, 0.0779

# Monochromacy



## Original Color

74.9835, -51.1996, 21.1348



## Achromatopsia

60.5188, -3.2291, 3.2881



## Achromatomaly

64.2099, -24.9661, 8.4193

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 74.9835, -51.1996, 21.1348 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(46, 224, 154)` looks like.

```
.text, #text, p{  
    color:rgb(46, 224, 154)  
}
```

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(46, 224, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 224, 154) }
```

## Border

The CSS property to change the border of an element to HunterLab 74.9835, -51.1996, 21.1348 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(46, 224, 154) }
```



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

```
.border{ border-color:rgb(46, 224, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 224, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 224, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 224, 154);  
box-shadow:4px 4px 4px 4px rgb(46, 224,  
154) }
```

# Background

The CSS property to change the background color of an element to HunterLab 74.9835, -51.1996, 21.1348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 224, 154) }
```

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

```
.background{ background-color: rgb(46, 224,  
154) }
```

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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