

# Converting Colors

HunterLab(79.7673, -25.9610,  
17.0035)

Have a look what the booklet for  
HunterLab(79.7673, -25.9610,  
17.0035) contains.

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# Color

**HunterLab(79.7656,  
-25.9367, 16.9969)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ABDDB3
RGB	171, 221, 179
RGB Percent	67%, 87%, 70%
CMY	0.3294, 0.1333, 0.2980
CMYK	0.23, 0.00, 0.19, 0.13
HSL	130°, 42%, 77%
HSV	130°, 23%, 87%
XYZ	50.7877, 63.6255, 52.2519
YIQ	201.2620, -16.3180, -23.6620

# Conversions

## Conversions Part 2

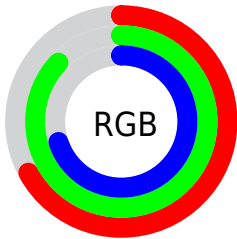
Format	Color
<b>RYB</b>	171, 214, 221
Decimal	11263411
CIELab	83.77, -24.31, 15.44
CIElCh	84, 28.797, 147.586
Yxy	63.6282, 0.3047, 0.3818
Android (android.graphics.Color)	4289453491 (0xFFABDDB3)
YUV	201.2620, -10.9752, -26.5398
Hunter-Lab	79.7656, -25.9367, 16.9969

# Details

The HunterLab color  $79.7656, -25.9367, 16.9969$  is a light color, and the websafe version is hex  $99CC99$ . A complement of this color would be  $70.2165, 20.4830, -9.5317$ , and the grayscale version is  $76.5886, -4.0866, 4.1612$ .

A 20% lighter version of the original color is  $96.8757, -17.6424, 11.2823$ , and  $57.1230, -22.2401, 14.3221$  is the 20% darker color. If you saturate the color by 10%, you get  $77.8775, -34.0194, 21.9193$ , and if you desaturate by 10%, it is  $81.9289, -16.9684, 11.7135$ .

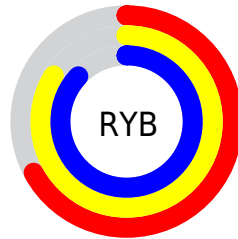
# Distribution



Red (67%)

Green (87%)

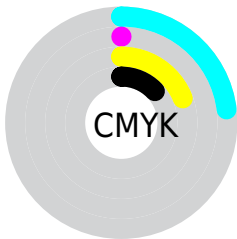
Blue (70%)



Red (67%)

Yellow (84%)

Blue (87%)

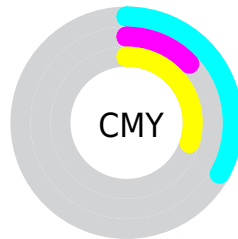


Cyan (23%)

Magenta (0%)

Yellow (19%)

Black (13%)



Cyan (33%)

Magenta (13%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 79.7656, -25.9367, 16.9969 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 79.7656, -25.9367, 16.9969 by changing the saturation by 10% instead.



■ 79.7656, -25.9367,  
16.9969

■ 79.7656, -25.9367,  
16.9969

209.2476,  
-41.8972, 29.6208

■ 68.0805, -24.0673,  
15.5876

■ 104.9168,  
-29.5842, 19.7925

■ 57.0279, -22.1510,  
14.1606

118.3269,  
-31.3736, 21.1852

■ 46.6480, -20.1744,  
12.7079

132.2642,  
-33.1475, 22.5788

■ 36.9877, -18.1161,  
11.2162

146.7095,  
-34.9098, 23.9754

■ 28.1053, -15.9437,  
9.6654

161.6454,  
-36.6635, 25.3767

■ 20.0759, -13.6049,  
8.0228


177.0563,

■ 13.0023, -11.0064,


-38.4113, 26.7840


6.4529


192.9281,  
-40.1553, 28.1984


 6.4619, -11.3083,  
4.5233


0.0000, NaN, NaN


 79.7656, -25.9367,  
16.9969


 79.7656, -25.9367,  
16.9969


 77.8775, -34.0194,  
21.9193


 81.9289, -16.9684,  
11.7135


 76.2635, -41.1180,  
26.4168

 84.3550, -7.2146,  
6.1286

 74.9255, -47.1586,  
30.4345

 87.0360, 3.2158,  
0.3032

 73.8586, -52.0934,  
33.9262

 89.4895, 12.6764,  
-6.3472

■ 73.0523, -55.9102,  
36.8594

■ 89.5519, 13.0056,  
-7.2282

■ 72.4898, -58.6397,  
39.2185

■ 72.1459, -60.3639,  
41.0066

■ 71.9992, -61.1270,  
41.9628

# Harmonies

## Analogous

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



79.7673, -16.4636, 24.0308



79.7656, -25.9367, 16.9969



79.7673, -29.6460, 5.4235

# Triad

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



79.7673, -25.9382, 16.9979



79.7673, -5.4022, -26.0594



79.7673, 21.2936, 15.4136

# Complementary

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



79.7656, -25.9367, 16.9969



70.2165, 20.4830, -9.5317

# 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.



79.7673, 24.7596, 3.2450



79.7656, -25.9367, 16.9969



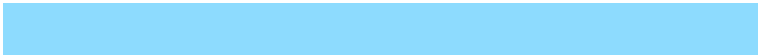
79.7673, 8.7235, -22.1488

# Square

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



79.7673, -25.9382, 16.9979



79.7673, -18.3164, -20.7212



79.7673, 20.0121, -10.8019



79.7673, 10.8416, 23.2342



# Rectangle

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



79.7656, -25.9367, 16.9969



79.7673, -28.5572, -3.8738



79.7673, 20.0121, -10.8019



79.7673, 23.3448, 11.7672

# Sweetspot

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



79.7673, -25.9382, 16.9979



97.8989, -13.6721, 10.1562



82.9924, -14.4776, 23.3610



45.2120, -6.6490, 4.8839

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

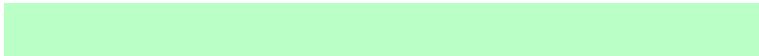


# Same Dimension

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



79.7673, -25.9382, 16.9979



92.7452, -35.0030, 22.7038



80.4421, -22.0752, 7.3059



38.2623, -6.4469, 4.6085



54.8848, -46.5263, 31.8357



14.0081, -11.6018, 7.5361



# Inverse Universe

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



70.2165, 20.4830, -9.5317



79.3547, 30.1874, -14.5112



69.3915, 16.2243, 2.1486



36.3829, 2.6620, -0.6068



33.1580, 63.0106, -26.8407



8.4975, 16.2416, -7.6047



# Previews

## White Background



This preview shows how the HunterLab color 79.7656, -25.9367, 16.9969 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

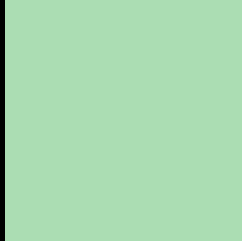
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 79.7656, -25.9367, 16.9969 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

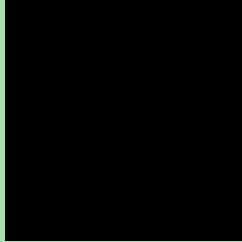
Any Text WCAG AA ✓ Pass

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 79.7656, -25.9367, 16.9969 Background



This preview shows how black text looks on a background with the HunterLab color 79.7656, -25.9367, 16.9969.



This preview shows how white text looks on a background with the HunterLab color 79.7656,

-25.9367, 16.9969.

# 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

79.7656, -25.9367, 16.9969

### Protanopia

79.5650, -5.7145, 19.8435

### Deuteranopia

79.4964, 5.3920, 15.6671



## Tritanopia

79.7283, -11.2543, -7.2898

# Trichromacy



## Original Color

79.7656, -25.9367, 16.9969

## Protanomaly

79.5237, -13.7168, 18.5238

## Deuteranomaly

79.1425, -6.6923, 15.4955

## Tritanomaly

79.8287, -17.1029, 2.6289

# Monochromacy



## Original Color

79.7656, -25.9367, 16.9969

## Achromatopsia

76.4250, -4.0778, 4.1523

## Achromatomaly

77.4010, -12.2636, 8.8326

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 79.7656, -25.9367, 16.9969 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(171, 221, 179)` looks like.

```
.text, #text, p{  
    color:rgb(171, 221, 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(171, 221, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 221, 179) }
```

## Border

The CSS property to change the border of an element to HunterLab 79.7656, -25.9367, 16.9969 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(171, 221, 179) }
```



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

```
.border{ border-color:rgb(171, 221, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 221, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 221, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 221, 179); box-shadow:4px 4px 4px 4px rgb(171, 221, 179) }
```

# Background

The CSS property to change the background color of an element to HunterLab 79.7656, -25.9367, 16.9969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 221, 179) }
```

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

```
.background{ background-color: rgb(171,  
221, 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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