

Converting Colors

HunterLab(79.7682, -25.1358,
23.0277)

Have a look what the booklet for
HunterLab(79.7682, -25.1358,
23.0277) contains.

HunterLab(79.7838, -24.9375, 22.9760)	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(79.7838,
-24.9375, 22.9760)**

Conversions

Conversions Part 1

Format	Color
Hex	B5DCA3
RGB	181, 220, 163
RGB Percent	71%, 86%, 64%
CMY	0.2902, 0.1372, 0.3608
CMYK	0.18, 0.00, 0.26, 0.14
HSL	101°, 45%, 75%
HSV	101°, 26%, 86%
XYZ	51.2602, 63.6545, 44.2352
YIQ	201.8410, -4.9470, -25.9950

Conversions

Conversions Part 2

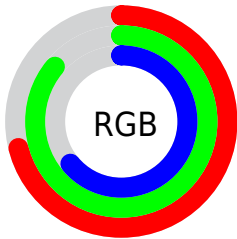
Format	Color
RYB	163, 220, 202
Decimal	11918499
CIELab	83.79, -23.12, 23.92
CIELCh	84, 33.267, 134.030
Yxy	63.6573, 0.3221, 0.4000
Android (android.graphics.Color)	4290108579 (0xFFB5DCA3)
YUV	201.8410, -19.1486, -18.2776
Hunter-Lab	79.7838, -24.9375, 22.9760

Details

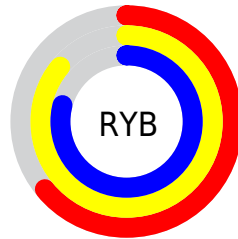
The HunterLab color $79.7838, -24.9375, 22.9760$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $66.2722, 19.7061, -19.3979$, and the grayscale version is $76.8660, -4.1014, 4.1763$.

A 20% lighter version of the original color is $97.2556, -17.2376, 19.1901$, and $57.0701, -21.4393, 19.1671$ is the 20% darker color. If you saturate the color by 10%, you get $78.2390, -31.7034, 28.5588$, and if you desaturate by 10%, it is $81.5077, -17.5230, 16.5292$.

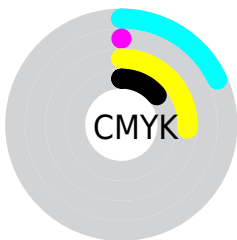
Distribution



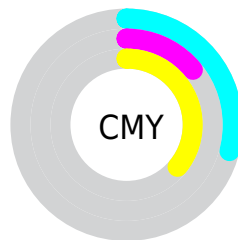
- Red (71%)
- Green (86%)
- Blue (64%)



- Red (64%)
- Yellow (86%)
- Blue (79%)



- Cyan (18%)
- Magenta (0%)
- Yellow (26%)
- Black (14%)



- Cyan (29%)
- Magenta (14%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 79.7838, -24.9375, 22.9760 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 79.7838, -24.9375, 22.9760 by changing the saturation by 10% instead.

■ 79.7838, -24.9375,
22.9760

■ 79.7838, -24.9375,
22.9760

209.2728,
-40.4408, 38.9044

■ 68.0978, -23.1323,
21.0977

■ 104.9368,
-28.4679, 26.6280

■ 57.0442, -21.2842,
19.1677

■ 118.3477,
-30.2028, 28.4159

■ 46.6632, -19.3812,
17.1704

132.2858,
-31.9246, 30.1865

■ 37.0018, -17.4032,
15.0823

146.7318,
-33.6368, 31.9440

■ 28.1182, -15.3200,
12.8691

161.6684,
-35.3424, 33.6920

■ 20.0875, -13.0825,
10.4781

177.0801,

■ 13.0123, -10.6032,

-37.0436, 35.4332

9.1086

192.9525,
-38.7426, 37.1701

■ 6.4749, -11.3311,
4.5324

0.0000, NaN, NaN

■ 79.7838, -24.9375,
22.9760

■ 79.7838, -24.9375,
22.9760

■ 78.2390, -31.7034,
28.5588

■ 81.5077, -17.5230,
16.5292

■ 76.8701, -37.7675,
33.2442

■ 83.4021, -9.5085,
9.2590

■ 75.6789, -43.0935,
37.0183

■ 85.4642, -0.9532,
1.2181

■ 74.6636, -47.6561,
39.8871

■ 87.6887, 8.0849,
-7.5366

■ 73.8199, -51.4467,
41.8817

■ 89.2575, 13.5541,
-7.6066

■ 73.1408, -54.4775,
43.0645

■ 72.6153, -56.7870,
43.5401

■ 72.4371, -57.5651,
43.6276

Harmonies

Analogous

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



79.7855, -11.7340, 28.2324



79.7838, -24.9375, 22.9760



79.7855, -32.2685, 12.1340

Triad

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



79.7855, -24.9393, 22.9769



79.7855, -12.7206, -30.0535



79.7855, 28.5545, 11.2521

Complementary

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



79.7838, -24.9375, 22.9760



66.2722, 19.7061, -19.3979

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.



79.7855, 28.2365, -4.3229



79.7838, -24.9375, 22.9760



79.7855, 3.4967, -30.4223

Square

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



79.7855, -24.9393, 22.9769



79.7855, -25.6114, -19.3396



79.7855, 18.7635, -20.2640



79.7855, 19.6001, 22.4437

Rectangle

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



79.7838, -24.9375, 22.9760



79.7855, -33.2377, 2.2145



79.7855, 18.7635, -20.2640



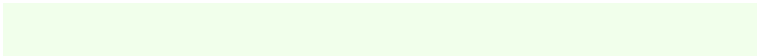
79.7855, 29.5495, 6.4143

Sweetspot

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



79.7855, -24.9393, 22.9769



98.0832, -13.3386, 12.8768



77.5115, -3.8338, 21.1897



45.2177, -6.8459, 6.5744

0.0000, NaN, NaN



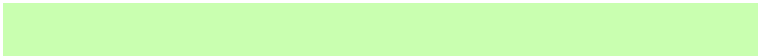
46.2646, -2.4686, 2.5136

Same Dimension

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



79.7855, -24.9393, 22.9769



93.3047, -33.8537, 30.8173



78.7467, -28.3541, 18.0870



38.4769, -5.7660, 5.5401



55.5392, -43.8987, 33.4545



14.2952, -10.5079, 8.6247

Inverse Universe

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



66.2722, 19.7061, -19.3979



74.2163, 29.3686, -29.3344



67.8546, 23.8123, -10.7942



36.1358, 1.9352, -1.7400



26.3244, 56.6013, -72.2902



7.0295, 14.8330, -17.1229

Previews

White Background



This preview shows how the HunterLab color 79.7838, -24.9375, 22.9760 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 79.7838, -24.9375, 22.9760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

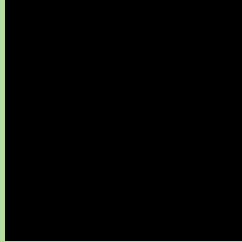
Any Text WCAG AA ✓ Pass

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 79.7838, -24.9375, 22.9760 Background



This preview shows how black text looks on a background with the HunterLab color 79.7838, -24.9375, 22.9760.



This preview shows how white text looks on a background with the HunterLab color 79.7838,

-24.9375, 22.9760.

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

79.7838, -24.9375, 22.9760

Protanopia

79.5414, -6.4382, 24.7884

Deuteranopia

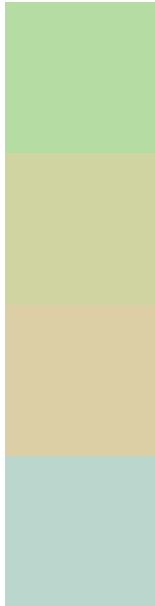
79.4690, 6.0119, 21.7977



Tritanopia

79.5401, -7.2758, -5.8273

Trichromacy



Original Color

79.7838, -24.9375, 22.9760

Protanomaly

79.3945, -13.2600, 23.8543

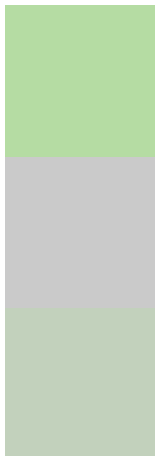
Deuteranomaly

79.1167, -5.9927, 21.6108

Tritanomaly

79.3836, -14.2622, 5.9993

Monochromacy



Original Color

79.7838, -24.9375, 22.9760

Achromatopsia

76.8517, -4.1006, 4.1755

Achromatomaly

77.9109, -12.3379, 11.5864

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 79.7838, -24.9375, 22.9760 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(181, 220, 163)` looks like.

```
.text, #text, p{  
    color:rgb(181, 220, 163)  
}
```

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(181, 220, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 220, 163) }
```

Border

The CSS property to change the border of an element to HunterLab 79.7838, -24.9375, 22.9760 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(181, 220, 163) }
```


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

```
.border{ border-color:rgb(181, 220, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 220, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 220, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 220, 163);  
box-shadow:4px 4px 4px 4px rgb(181, 220,  
163) }
```

Background

The CSS property to change the background color of an element to HunterLab 79.7838, -24.9375, 22.9760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 220, 163) }
```

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

```
.background{ background-color: rgb(181,  
220, 163) }
```

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