

Converting Colors

HunterLab(79.9230, -26.2733,
12.1550)

Have a look what the booklet for
HunterLab(79.9230, -26.2733,
12.1550) contains.

HunterLab(79.9354, -26.3694, 12.2344)	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(79.9354,
-26.3694, 12.2344)**

Conversions

Conversions Part 1

Format	Color
Hex	A4DEBF
RGB	164, 222, 191
RGB Percent	64%, 87%, 75%
CMY	0.3569, 0.1294, 0.2510
CMYK	0.26, 0.00, 0.14, 0.13
HSL	148°, 47%, 76%
HSV	148°, 26%, 87%
XYZ	50.8351, 63.8967, 58.9443
YIQ	201.1240, -24.6170, -21.9370

Conversions

Conversions Part 2

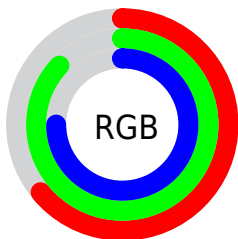
Format	Color
RYB	164, 204, 222
Decimal	10804927
CIELab	83.91, -24.79, 9.26
CIELCh	84, 26.468, 159.517
Yxy	63.8993, 0.2927, 0.3679
Android (android.graphics.Color)	4288995007 (0xFFA4DEBF)
YUV	201.1240, -4.9911, -32.5577
Hunter-Lab	79.9354, -26.3694, 12.2344

Details

The HunterLab color $79.9354, -26.3694, 12.2344$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $67.8397, 21.3979, -2.9482$, and the grayscale version is $76.5075, -4.0823, 4.1568$.

A 20% lighter version of the original color is $96.6701, -17.6431, 5.2890$, and $57.3166, -22.5663, 10.0505$ is the 20% darker color. If you saturate the color by 10%, you get $78.2549, -33.4017, 15.2689$, and if you desaturate by 10%, it is $81.8626, -18.5684, 9.2572$.

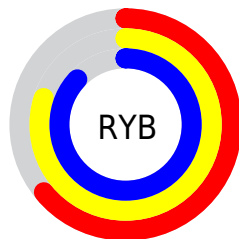
Distribution



Red (64%)

Green (87%)

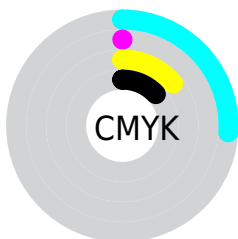
Blue (75%)



Red (64%)

Yellow (80%)

Blue (87%)

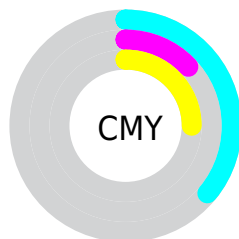


Cyan (26%)

Magenta (0%)

Yellow (14%)

Black (13%)



Cyan (36%)

Magenta (13%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 79.9354, -26.3694, 12.2344 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 79.9354, -26.3694, 12.2344 by changing the saturation by 10% instead.

■ 79.9354, -26.3694,
12.2344

■ 79.9354, -26.3694,
12.2344

209.4817,
-42.5146, 22.5569

■ 68.2416, -24.4744,
11.1484

■ 105.1028,
-30.0638, 14.4375

■ 57.1797, -22.5310,
10.0674

■ 118.5205,
-31.8751, 15.5558

■ 46.7900, -20.5254,
8.9884

132.4652,
-33.6701, 16.6871

■ 37.1192, -18.4356,
7.9055

146.9175,
-35.4526, 17.8320

■ 28.2253, -16.2289,
6.8091

161.8602,
-37.2259, 18.9912

■ 20.1832, -13.8518,
5.6833

177.2777,

■ 13.0951, -11.2096,

-38.9926, 20.1649

4.4983

193.1559,
-40.7549, 21.3534

■ 6.5820, -11.5185,
4.6074

0.0000, NaN, NaN

■ 79.9354, -26.3694,
12.2344

■ 79.9354, -26.3694,
12.2344

■ 78.2549, -33.4017,
15.2689

■ 81.8626, -18.5684,
9.2572

■ 76.8177, -39.5945,
18.3232

■ 84.0274, -10.0726,
6.3639

■ 75.6231, -44.8989,
21.3604

■ 86.4245, -0.9662,
3.5795

■ 74.6648, -49.2881,
24.3400

■ 89.0457, 8.6675,
0.9226

■ 73.9316, -52.7642,
27.2206

■ 89.6817, 11.5822,
-4.5100

■ 73.4060, -55.3647,
29.9612

■ 89.8471, 12.4574,
-6.8501

■ 73.0629, -57.1723,
32.5212

■ 72.9597, -57.7375,
33.4455

Harmonies

Analogous

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



79.9371, -19.5661, 20.6120



79.9354, -26.3694, 12.2344



79.9371, -27.4657, 0.3177

Triad

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



79.9371, -26.3707, 12.2354



79.9371, -0.0932, -22.8422



79.9371, 15.9492, 18.0551

Complementary

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



79.9354, -26.3694, 12.2344



67.8397, 21.3979, -2.9482

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.



79.9371, 21.9162, 8.1848



79.9354, -26.3694, 12.2344



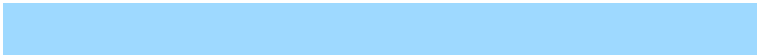
79.9371, 12.2714, -16.2595

Square

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



79.9371, -26.3707, 12.2354



79.9371, -12.8328, -21.2923



79.9371, 20.5288, -4.4281



79.9371, 4.6701, 23.5804

Rectangle

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



79.9354, -26.3694, 12.2344



79.9371, -24.8861, -8.2773



79.9371, 20.5288, -4.4281



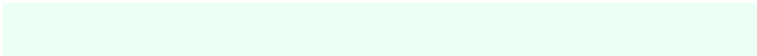
79.9371, 18.6745, 15.2055

Sweetspot

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



79.9371, -26.3707, 12.2354



97.8017, -13.7676, 8.0918



81.6383, -21.3794, 24.4228



45.0654, -7.0792, 3.9793

0.0000, NaN, NaN



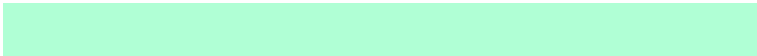
46.2646, -2.4686, 2.5136

Same Dimension

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



79.9371, -26.3707, 12.2354



92.4854, -35.1787, 16.1248



80.7822, -21.5339, 0.1601



39.2975, -6.1192, 3.4514



56.2484, -44.3758, 25.4890



14.8694, -11.3079, 5.8251

Inverse Universe

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



67.8397, 21.3979, -2.9482



75.7388, 31.1051, -4.8188



66.9838, 16.9985, 9.2547



37.1785, 2.2112, 0.7753



31.6753, 56.7988, 0.6704



8.4469, 15.3430, -1.3438

Previews

White Background



This preview shows how the HunterLab color 79.9354, -26.3694, 12.2344 looks on a white background.

Color Contrast Check

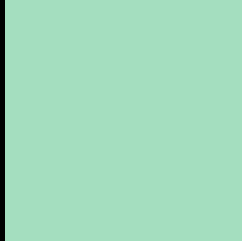
Large Text (above 18pt) WCAG AA × Fail

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 79.9354, -26.3694, 12.2344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

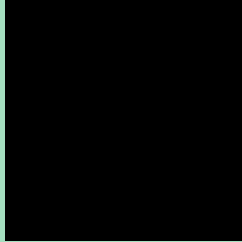
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

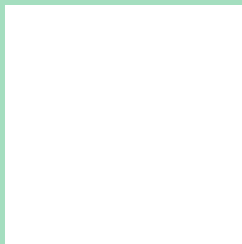
Any Text WCAG AAA ✓ Pass

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

HunterLab 79.9354, -26.3694, 12.2344 Background



This preview shows how black text looks on a background with the HunterLab color 79.9354, -26.3694, 12.2344.



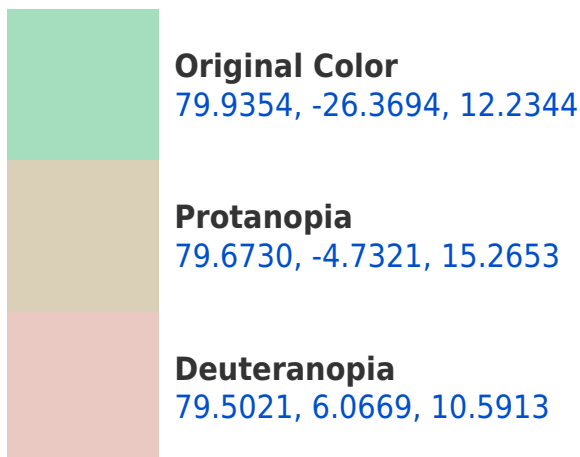
This preview shows how white text looks on a background with the HunterLab color 79.9354,

-26.3694, 12.2344.

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





Tritanopia

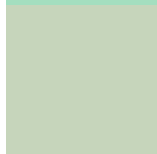
79.8534, -13.9445, -8.2777

Trichromacy



Original Color

79.9354, -26.3694, 12.2344



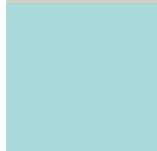
Protanomaly

79.4872, -13.2283, 13.6802



Deuteranomaly

79.4048, -6.7044, 10.7018



Tritanomaly

79.7745, -18.5795, -0.4661

Monochromacy



Original Color

79.9354, -26.3694, 12.2344



Achromatopsia

76.4250, -4.0778, 4.1523



Achromatomaly

77.6682, -12.6935, 7.3125

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 79.9354, -26.3694, 12.2344 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(164, 222, 191)` looks like.

```
.text, #text, p{  
    color:rgb(164, 222, 191)  
}
```

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(164, 222, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 222, 191) }
```

Border

The CSS property to change the border of an element to HunterLab 79.9354, -26.3694, 12.2344 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(164, 222, 191) }
```


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

```
.border{ border-color:rgb(164, 222, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 222, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 222, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 222, 191); box-shadow:4px 4px 4px 4px rgb(164, 222, 191) }
```

Background

The CSS property to change the background color of an element to HunterLab 79.9354, -26.3694, 12.2344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 222, 191) }
```

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

```
.background{ background-color: rgb(164,  
222, 191) }
```

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