

# Converting Colors

HunterLab(86.8393, -26.0536,  
18.2067)

Have a look what the booklet for  
HunterLab(86.8393, -26.0536,  
18.2067) contains.

<b>HunterLab(86.8393, -26.0536, 18.2067)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# **Color**

**HunterLab(86.8393,  
-26.0536, 18.2067)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BEEDC2
RGB	190, 237, 194
RGB Percent	75%, 93%, 76%
CMY	0.2549, 0.0706, 0.2392
CMYK	0.20, 0.00, 0.18, 0.07
HSL	125°, 57%, 84%
HSV	125°, 20%, 93%
XYZ	61.2571, 75.4106, 62.3661
YIQ	218.0450, -14.2090, -23.3370

# Conversions

## Conversions Part 2

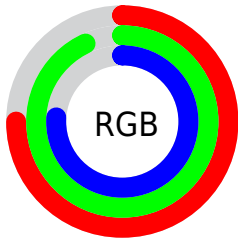
<b>Format</b>	<b>Color</b>
<b>RYB</b>	190, 233, 237
Decimal	12512706
CIELab	89.59, -23.22, 15.95
CIELCh	90, 28.167, 145.514
Yxy	75.4138, 0.3078, 0.3789
Android (android.graphics.Color)	4290702786 (0xFFBEEDC2)
YUV	218.0450, -11.8542, -24.5955
Hunter-Lab	86.8393, -26.0536, 18.2067

# Details

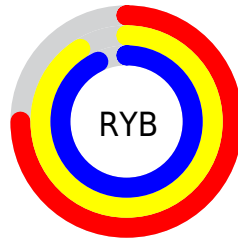
The HunterLab color  $86.8393, -26.0536, 18.2067$  is a light color, and the websafe version is hex  $CCFFCC$ . A complement of this color would be  $77.9207, 19.5251, -10.3049$ , and the grayscale version is  $83.8071, -4.4717, 4.5534$ .

A 20% lighter version of the original color is  $99.1258, -8.6475, 6.3401$ , and  $63.3841, -22.4641, 15.4554$  is the 20% darker color. If you saturate the color by 10%, you get  $84.6769, -35.2967, 24.1188$ , and if you desaturate by 10%, it is  $89.3109, -15.8211, 11.7692$ .

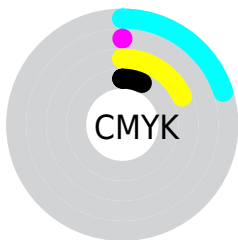
# Distribution



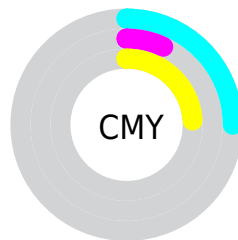
- Red (75%)
- Green (93%)
- Blue (76%)



- Red (75%)
- Yellow (91%)
- Blue (93%)



- Cyan (20%)
- Magenta (0%)
- Yellow (18%)
- Black (7%)




- Cyan (25%)
- Magenta (7%)
- Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.8393, -26.0536, 18.2067 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 86.8393, -26.0536, 18.2067 by changing the saturation by 10% instead.





 86.8393, -26.0536,  
18.2067

 86.8393, -26.0536,  
18.2067


218.9381,  
-41.5443, 31.0370

 74.8011, -24.2624,  
16.7775


 112.6490,  
-29.5677, 21.0461

 63.3754, -22.4344,  
15.3329


126.3681,  
-31.2988, 22.4617

 52.5992, -20.5597,  
13.8660


140.6030,  
-33.0187, 23.8785

 42.5143, -18.6220,  
12.3657

155.3355,  
-34.7306, 25.2984

 33.1716, -16.5977,  
10.8158

170.5495,  
-36.4372, 26.7231

 24.6358, -14.4497,  
9.1907


186.2300,

 16.9919, -12.1163,


-38.1405, 28.1538


7.4479


202.3637,  
-39.8424, 29.5915


 10.3593, -10.5133,  
7.0193


0.0000, NaN, NaN


 86.8393, -26.0536,  
18.2067


 86.8393, -26.0536,  
18.2067

 84.6769, -35.2967,  
24.1188


 89.3109, -15.8211,  
11.7692

 82.8239, -43.4316,  
29.4273

 92.0767, -4.7178,  
4.8813

 81.2834, -50.3668,  
34.0676

 94.3670, 4.2946,  
-1.2175

 80.0513, -56.0396,  
37.9888

■ 79.1171, -60.4282,  
41.1613

■ 78.4627, -63.5603,  
43.5814

■ 78.0612, -65.5225,  
45.2745

■ 77.8629, -66.5186,  
46.2910

■ 77.8604, -66.5309,  
46.3024

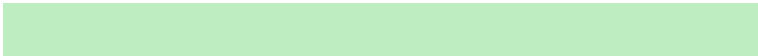
# Harmonies

## Analogous

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



86.8411, -16.1096, 25.0848



86.8393, -26.0536, 18.2067



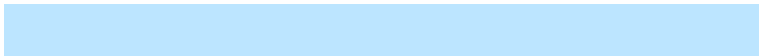
86.8411, -30.2614, 6.7378

# Triad

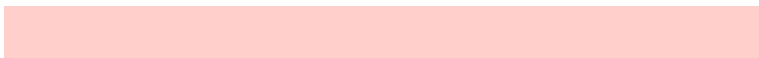
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.8411, -26.0553, 18.2078



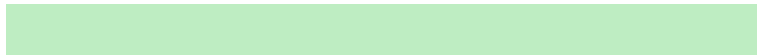
86.8411, -6.7675, -25.4226



86.8411, 21.4536, 15.2051

# Complementary

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



86.8393, -26.0536, 18.2067



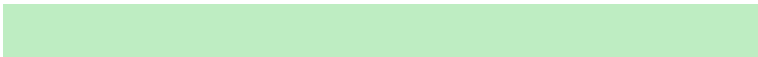
77.9207, 19.5251, -10.3049

# 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.



86.8411, 24.3501, 2.6669



86.8393, -26.0536, 18.2067



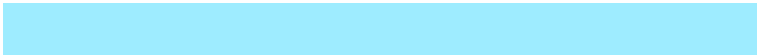
86.8411, 7.4612, -22.1892

# Square

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



86.8411, -26.0553, 18.2078



86.8411, -19.5904, -19.5737



86.8411, 19.0792, -11.3353

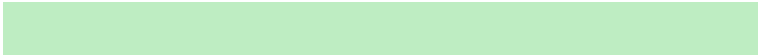


86.8411, 11.3993, 23.5569



# Rectangle

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



86.8393, -26.0536, 18.2067



86.8411, -29.4560, -2.5252



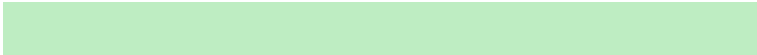
86.8411, 19.0792, -11.3353



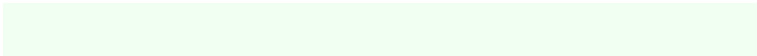
86.8411, 23.3231, 11.4031

# Sweetspot

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



86.8411, -26.0553, 18.2078



98.1549, -12.7004, 9.9911



90.3480, -13.4622, 23.4669



45.3212, -6.2379, 4.8474

0.0000, NaN, NaN

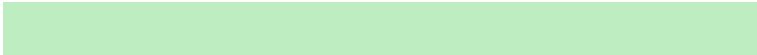


46.2646, -2.4686, 2.5136

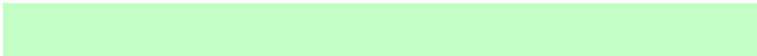


# Same Dimension

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



86.8411, -26.0553, 18.2078



93.3203, -32.7323, 22.5979



87.4931, -22.3377, 8.8423



41.0889, -7.0879, 5.2945



57.5359, -49.1157, 34.1118



16.1451, -13.6235, 9.2294



# Inverse Universe

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



77.9207, 19.5251, -10.3049



81.6356, 27.0541, -14.7845



77.1139, 15.3293, 1.1134



39.1029, 3.0390, -1.0446



35.4539, 68.4440, -36.9973

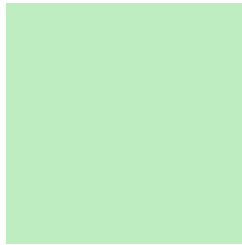


9.9678, 19.2940, -10.7988



# Previews

## White Background



This preview shows how the HunterLab color 86.8393, -26.0536, 18.2067 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 86.8393, -26.0536, 18.2067 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

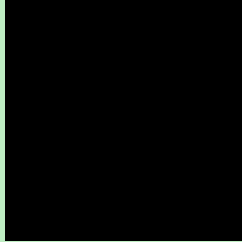
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

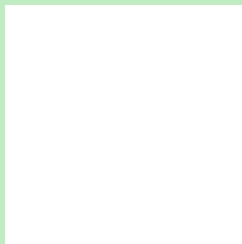
Any Text WCAG AAA ✓ Pass

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

## HunterLab 86.8393, -26.0536, 18.2067 Background



This preview shows how black text looks on a background with the HunterLab color 86.8393, -26.0536, 18.2067.



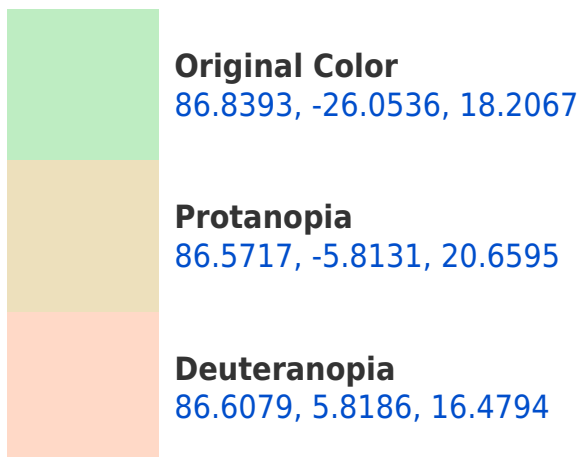
This preview shows how white text looks on a background with the HunterLab color 86.8393,

-26.0536, 18.2067.

# 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

86.8982, -10.7618, -7.2344

# Trichromacy



## Original Color

86.8393, -26.0536, 18.2067

## Protanomaly

86.5864, -13.7569, 19.7555

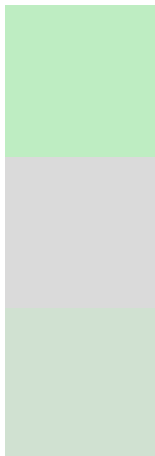
## Deuteranomaly

86.2157, -6.5948, 16.6840

## Tritanomaly

86.9569, -16.8836, 3.2412

# Monochromacy



## Original Color

86.8393, -26.0536, 18.2067

## Achromatopsia

83.7318, -4.4677, 4.5493

## Achromatomaly

84.7725, -12.6515, 9.8259

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 86.8393, -26.0536, 18.2067 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(190, 237, 194)` looks like.

```
.text, #text, p{  
    color:rgb(190, 237, 194)  
}
```

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(190, 237, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 237, 194) }
```

## Border

The CSS property to change the border of an element to HunterLab 86.8393, -26.0536, 18.2067 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(190, 237, 194) }
```



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

```
.border{ border-color:rgb(190, 237, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 237, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 237, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 237, 194);  
box-shadow:4px 4px 4px 4px rgb(190, 237,  
194) }
```

# Background

The CSS property to change the background color of an element to HunterLab 86.8393, -26.0536, 18.2067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 237, 194) }
```

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

```
.background{ background-color: rgb(190,  
237, 194) }
```

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