

# Converting Colors

HunterLab(88.3081, -35.9581,  
34.1278)

Have a look what the booklet for  
HunterLab(88.3081, -35.9581,  
34.1278) contains.

<b>HunterLab(88.3765, -36.0341, 34.1842)</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(88.3765,  
-36.0341, 34.1842)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBF597
RGB	187, 245, 151
RGB Percent	73%, 96%, 59%
CMY	0.2667, 0.0392, 0.4078
CMYK	0.24, 0.00, 0.38, 0.04
HSL	97°, 82%, 78%
HSV	97°, 38%, 96%
XYZ	58.7319, 78.1041, 41.2583
YIQ	216.9420, -4.3940, -41.5300

# Conversions

## Conversions Part 2

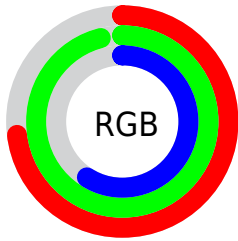
Format	Color
<a href="#">RYB</a>	<a href="#">151, 245, 209</a>
Decimal	<a href="#">12318103</a>
CIELab	<a href="#">90.83, -34.59, 39.46</a>
CIELCh	<a href="#">91, 52.474, 131.238</a>
Yxy	<a href="#">78.1074, 0.3298, 0.4386</a>
Android (android.graphics.Color)	<a href="#">4290508183 (0xFFBBF597)</a>
YUV	<a href="#">216.9420, -32.5094, -26.2591</a>
Hunter-Lab	<a href="#">88.3765, -36.0341, 34.1842</a>

# Details

The HunterLab color **88.3765, -36.0341, 34.1842** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **65.0257, 34.0159, -38.1063**, and the grayscale version is **83.4131, -4.4507, 4.5320**.

A 20% lighter version of the original color is **97.6671, -16.3785, 24.4474**, and **64.6319, -30.9395, 28.4555** is the 20% darker color. If you saturate the color by 10%, you get **86.9395, -42.4240, 39.2517**, and if you desaturate by 10%, it is **89.9979, -28.9123, 28.0601**.

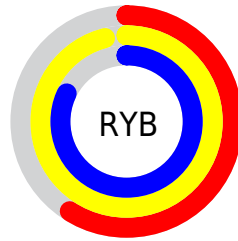
# Distribution



Red (73%)

Green (96%)

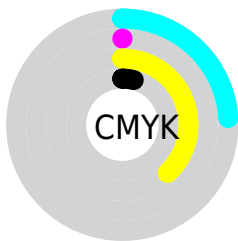
Blue (59%)



Red (59%)

Yellow (96%)

Blue (82%)

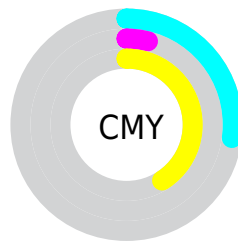


Cyan (24%)

Magenta (0%)

Yellow (38%)

Black (4%)



Cyan (27%)

Magenta (4%)


Yellow (41%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 88.3765, -36.0341, 34.1842 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 88.3765, -36.0341, 34.1842 by changing the saturation by 10% instead.





 88.3765, -36.0341,  
34.1842


 88.3765, -36.0341,  
34.1842


221.0275,  
-55.8270, 56.2418

 76.2642, -33.6509,  
31.4606


 114.3248,  
-40.6436, 39.4013

 64.7604, -31.1938,  
28.6359


 128.1090,  
-42.8852, 41.9187

 53.9014, -28.6457,  
25.6874


142.4067,  
-45.0950, 44.3884

 43.7280, -25.9806,  
22.5844

157.1999,  
-47.2783, 46.8178

 34.2900, -23.1604,  
19.2864

172.4725,  
-49.4398, 49.2131

 25.6498, -20.1272,  
15.7419

188.2101,

 17.8894, -16.7865,

-51.5830, 51.5795

12.5226

204.3992,  
-53.7112, 53.9211

■ 11.1229, -14.7301,  
7.7860

■ 3.0293, -5.3012,  
2.1205

■ 88.3765, -36.0341,  
34.1842

■ 88.3765, -36.0341,  
34.1842

■ 86.9395, -42.4240,  
39.2517

■ 89.9979, -28.9123,  
28.0601

■ 85.6807, -48.0441,  
43.2561

■ 91.7968, -21.0952,  
20.9005

■ 84.5994, -52.8777,  
46.2181

■ 93.7724, -12.6342,  
12.7451

■ 83.6905, -56.9234,  
48.1870

■ 95.9210, -3.5833,  
3.6439

■ 82.9461, -60.2013,  
49.2492

■ 96.8443, -0.0094,  
1.7541

■ 82.3526, -62.7693,  
49.5637

■ 82.2669, -63.1389,  
49.5871

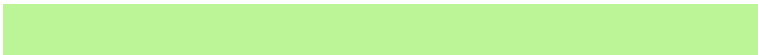
# Harmonies

## Analogous

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



88.3784, -14.4898, 40.5191



88.3765, -36.0341, 34.1842



88.3784, -48.2086, 19.1018

# Triad

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



88.3784, -36.0361, 34.1850



88.3784, -20.6113, -54.9364



88.3784, 51.3871, 13.7957

# Complementary

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



88.3765, -36.0341, 34.1842



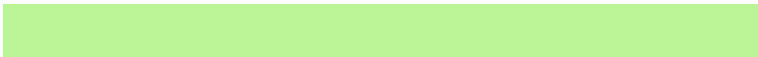
65.0257, 34.0159, -38.1063

# Split Complementary

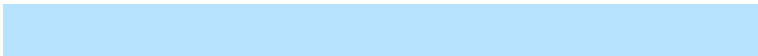
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.3784, 49.2423, -12.3550



88.3765, -36.0341, 34.1842



88.3784, 5.4927, -57.6273

# Square

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



88.3784, -36.0361, 34.1850



88.3784, -40.0589, -33.7476



88.3784, 31.6719, -40.2753

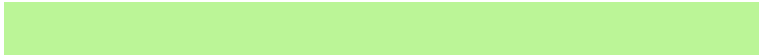


88.3784, 37.2248, 31.2959



# Rectangle

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



88.3765, -36.0341, 34.1842



88.3784, -50.3524, 3.7510



88.3784, 31.6719, -40.2753



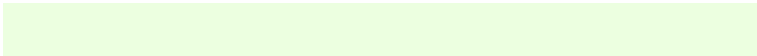
88.3784, 52.5894, 5.8574

# Sweetspot

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



88.3784, -36.0361, 34.1850



97.3533, -16.5349, 16.5771



81.9967, 0.2640, 29.3594



44.9141, -8.1889, 8.1906

0.0000, NaN, NaN

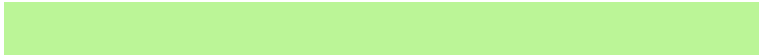


46.2646, -2.4686, 2.5136

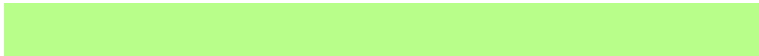


# Same Dimension

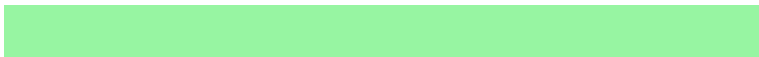
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.3784, -36.0361, 34.1850



91.3055, -42.9480, 39.9703



86.3106, -43.6342, 28.9488



43.3374, -6.3056, 6.3493



60.4412, -46.0863, 36.4368



18.0774, -13.0014, 10.9116



# Inverse Universe

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



65.0257, 34.0159, -38.1063



62.4696, 44.1111, -50.5267



68.9132, 44.0928, -23.7609



40.5376, 1.9921, -2.1063



26.8090, 59.1585, -85.3667

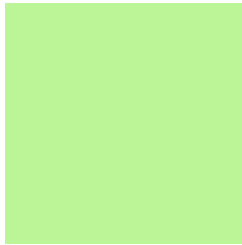


8.3105, 17.9880, -23.7453



# Previews

## White Background



This preview shows how the HunterLab color 88.3765, -36.0341, 34.1842 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

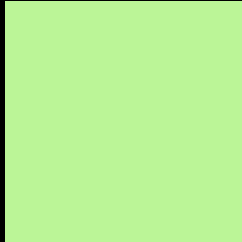
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 88.3765, -36.0341, 34.1842 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

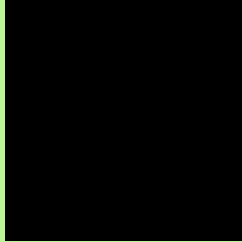
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

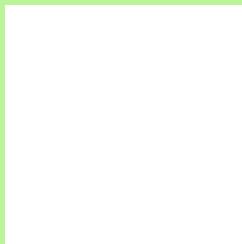
Any Text WCAG AAA ✓ Pass

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

## HunterLab 88.3765, -36.0341, 34.1842 Background



This preview shows how black text looks on a background with the HunterLab color 88.3765, -36.0341, 34.1842.



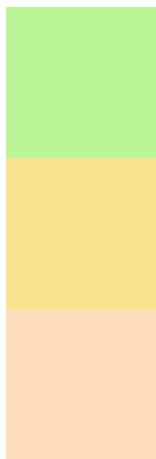
This preview shows how white text looks on a background with the HunterLab color 88.3765,

-36.0341, 34.1842.

# 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

88.3765, -36.0341, 34.1842

### Protanopia

88.0096, -9.0240, 36.2978

### Deuteranopia

87.8751, 1.9285, 21.3134



## Tritanopia

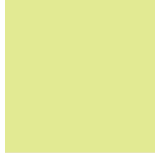
88.2833, -10.5767, -7.0791

# Trichromacy



## Original Color

88.3765, -36.0341, 34.1842



## Protanomaly

87.8185, -19.4225, 35.1369



## Deuteranomaly

87.4935, -12.8199, 25.8547



## Tritanomaly

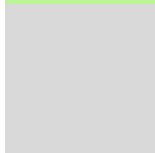
87.9460, -20.8091, 10.4856

# Monochromacy



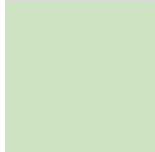
## Original Color

88.3765, -36.0341, 34.1842



## Achromatopsia

83.2990, -4.4446, 4.5258



## Achromatomaly

84.7999, -16.7384, 16.6854

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 88.3765, -36.0341, 34.1842 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(187, 245, 151)` looks like.

```
.text, #text, p{  
    color:rgb(187, 245, 151)  
}
```

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(187, 245, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 245, 151) }
```

## Border

The CSS property to change the border of an element to HunterLab 88.3765, -36.0341, 34.1842 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(187, 245, 151) }
```



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

```
.border{ border-color:rgb(187, 245, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 245, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 245, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 245, 151); box-shadow:4px 4px 4px 4px rgb(187, 245, 151) }
```

# Background

The CSS property to change the background color of an element to HunterLab 88.3765, -36.0341, 34.1842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 245, 151) }
```

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

```
.background{ background-color: rgb(187,  
245, 151) }
```

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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