

# Converting Colors

HunterLab(80.5701, -34.4170,  
29.7318)

Have a look what the booklet for  
HunterLab(80.5701, -34.4170,  
29.7318) contains.

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# Color

**HunterLab(80.6590,  
-34.4215, 29.7039)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A6E390
RGB	166, 227, 144
RGB Percent	65%, 89%, 56%
CMY	0.3490, 0.1098, 0.4353
CMYK	0.27, 0.00, 0.37, 0.11
HSL	104°, 60%, 73%
HSV	104°, 37%, 89%
XYZ	48.2290, 65.0587, 36.4012
YIQ	199.2990, -9.7130, -38.7450

# Conversions

## Conversions Part 2

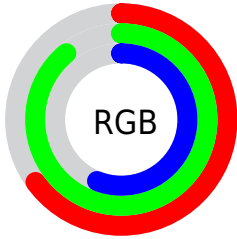
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 227, 205
Decimal	10937232
CIELab	84.52, -34.45, 34.49
CIELCh	85, 48.748, 134.962
Yxy	65.0615, 0.3222, 0.4346
Android (android.graphics.Color)	4289127312 (0xFFA6E390)
YUV	199.2990, -27.2624, -29.2032
Hunter-Lab	80.6590, -34.4215, 29.7039

# Details

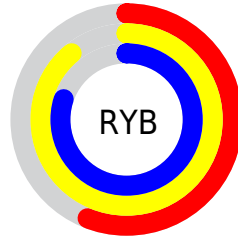
The HunterLab color  $80.6590, -34.4215, 29.7039$  is a light color, and the websafe version is hex  $99CC66$ . A complement of this color would be  $62.0271, 32.5154, -30.6795$ , and the grayscale version is  $75.8169, -4.0454, 4.1193$ .

A 20% lighter version of the original color is  $95.5675, -24.3568, 24.9399$ , and  $57.7436, -29.4062, 24.6702$  is the 20% darker color. If you saturate the color by 10%, you get  $79.2137, -40.8435, 34.4839$ , and if you desaturate by 10%, it is  $82.3095, -27.2134, 24.0112$ .

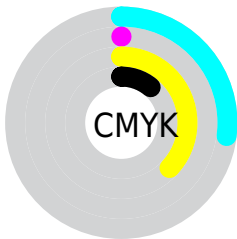
# Distribution



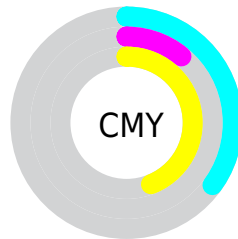
- Red (65%)
- Green (89%)
- Blue (56%)



- Red (56%)
- Yellow (89%)
- Blue (80%)



- Cyan (27%)
- Magenta (0%)
- Yellow (37%)
- Black (11%)



- Cyan (35%)
- Magenta (11%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.6590, -34.4215, 29.7039 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 80.6590, -34.4215, 29.7039 by changing the saturation by 10% instead.



■ 80.6590, -34.4215,  
29.7039

■ 80.6590, -34.4215,  
29.7039

210.4788,  
-54.3217, 49.9243

■ 68.9282, -32.0024,  
27.2159

■ 105.8954,  
-39.0799, 34.4701

■ 57.8271, -29.4990,  
24.6332

■ 119.3454,  
-41.3383, 36.7722

■ 47.3957, -26.8898,  
21.9321

133.3212,  
-43.5610, 39.0328

■ 37.6801, -24.1422,  
19.0792

147.8035,  
-45.7543, 41.2593

■ 28.7375, -21.2072,  
16.0290

162.7752,  
-47.9232, 43.4572

■ 20.6416, -18.0070,  
12.8877

178.2209,

■ 13.4925, -14.5306,

-50.0718, 45.6315

9.4447

194.1264,  
-52.2037, 47.7861

■ 7.0703, -12.3730,  
4.9492

0.0000, NaN, NaN

■ 80.6590, -34.4215,  
29.7039

■ 80.6590, -34.4215,  
29.7039

■ 79.2137, -40.8435,  
34.4839

■ 82.3095, -27.2134,  
24.0112

■ 77.9684, -46.4295,  
38.3303

■ 84.1576, -19.2708,  
17.4402

■ 76.9225, -51.1521,  
41.2475

■ 86.2012, -10.6597,  
10.0411

■ 76.0705, -55.0032,  
43.2673

■ 88.4347, -1.4484,  
1.8725

■ 75.4036, -57.9995,  
44.4556

■ 90.7623, 7.8173,  
-5.7378

■ 74.9083, -60.1909,  
44.9271

■ 91.3350, 9.7235,  
-4.9641

■ 74.7707, -60.7963,  
45.0090

# Harmonies

## Analogous

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



80.6607, -15.8913, 36.3510



80.6590, -34.4215, 29.7039



80.6607, -44.2468, 14.9795

# Triad

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



80.6607, -34.4232, 29.7046



80.6607, -15.9464, -50.6182



80.6607, 45.3447, 14.9316

# Complementary

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



80.6590, -34.4215, 29.7039



62.0271, 32.5154, -30.6795

# 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.



80.6607, 45.3254, -7.8624



80.6590, -34.4215, 29.7039



80.6607, 7.9678, -50.6423

# Square

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



80.6607, -34.4232, 29.7046



80.6607, -34.4595, -33.2413



80.6607, 30.9973, -33.2999



80.6607, 31.0473, 29.6785



# Rectangle

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



80.6590, -34.4215, 29.7039



80.6607, -45.3617, 0.4963



80.6607, 30.9973, -33.2999



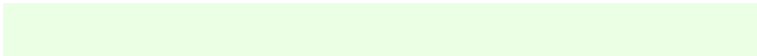
80.6607, 47.0622, 8.0999

# Sweetspot

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



80.6607, -34.4232, 29.7046



97.2732, -16.6792, 15.3737



78.7059, -5.0277, 28.5330



44.8561, -8.3362, 7.6446

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

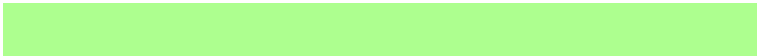


# Same Dimension

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



80.6607, -34.4232, 29.7046



90.7351, -45.0115, 38.1937



79.7044, -37.3235, 22.5553



40.3397, -6.2305, 5.7815



57.1418, -46.2479, 34.4008



15.6755, -11.9736, 9.4495



# Inverse Universe

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



62.0271, 32.5154, -30.6795



65.4636, 46.2488, -44.5377



63.8867, 36.2647, -15.1625



37.9645, 2.2214, -1.7805



28.4167, 60.0464, -69.8689



8.0083, 16.6990, -17.9607



# Previews

## White Background



This preview shows how the HunterLab color 80.6590, -34.4215, 29.7039 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 80.6590, -34.4215, 29.7039 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

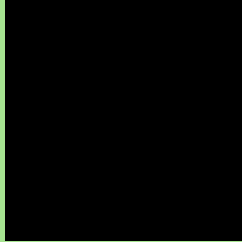
Any Text WCAG AA ✓ Pass

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 80.6590, -34.4215, 29.7039 Background



This preview shows how black text looks on a background with the HunterLab color 80.6590, -34.4215, 29.7039.



This preview shows how white text looks on a background with the HunterLab color 80.6590,

-34.4215, 29.7039.

# 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

80.6590, -34.4215, 29.7039

### Protanopia

80.2454, -7.9497, 31.8212

### Deuteranopia

80.1868, 6.1828, 28.1843



## **Tritanopia**

80.5101, -11.5907, -7.3650

# Trichromacy



## Original Color

80.6590, -34.4215, 29.7039



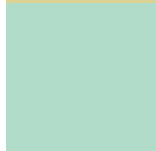
## Protanomaly

79.9902, -18.4400, 30.5765



## Deuteranomaly

79.5559, -9.9734, 27.9674



## Tritanomaly

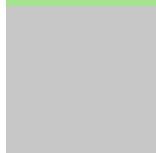
80.3950, -20.7062, 8.4244

# Monochromacy



## Original Color

80.6590, -34.4215, 29.7039



## Achromatopsia

75.5728, -4.0324, 4.1060



## Achromatomaly

77.0846, -15.8034, 14.4197

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 80.6590, -34.4215, 29.7039 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(166, 227, 144)` looks like.

```
.text, #text, p{  
    color:rgb(166, 227, 144)  
}
```

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(166, 227, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 227, 144) }
```

## Border

The CSS property to change the border of an element to HunterLab 80.6590, -34.4215, 29.7039 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(166, 227, 144) }
```



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

```
.border{ border-color:rgb(166, 227, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 227, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 227, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 227, 144);  
box-shadow:4px 4px 4px 4px rgb(166, 227,  
144) }
```

# Background

The CSS property to change the background color of an element to HunterLab 80.6590, -34.4215, 29.7039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 227, 144) }
```

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

```
.background{ background-color: rgb(166,  
227, 144) }
```

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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