

Converting Colors

HunterLab(77.7670, -36.5993,
40.7014)

Have a look what the booklet for
HunterLab(77.7670, -36.5993,
40.7014) contains.

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Color

**HunterLab(77.8359,
-36.6097, 40.7746)**

Conversions

Conversions Part 1

Format	Color
Hex	A7DD55
RGB	167, 221, 85
RGB Percent	65%, 87%, 33%
CMY	0.3451, 0.1333, 0.6666
CMYK	0.24, 0.00, 0.62, 0.13
HSL	84°, 67%, 60%
HSV	84°, 62%, 87%
XYZ	43.4325, 60.5843, 17.9992
YIQ	189.3500, 11.4720, -53.7440

Conversions

Conversions Part 2

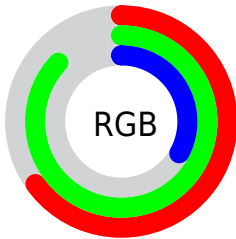
Format	Color
RYB	85, 221, 139
Decimal	11001173
CIELab	82.16, -37.96, 59.47
CIELCh	82, 70.552, 122.553
Yxy	60.5869, 0.3560, 0.4965
Android (android.graphics.Color)	4289191253 (0xFFA7DD55)
YUV	189.3500, -51.4445, -19.6009
Hunter-Lab	77.8359, -36.6097, 40.7746

Details

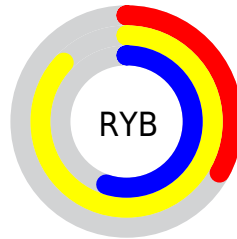
The HunterLab color **77.8359, -36.6097, 40.7746** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **41.4828, 43.3696, -71.4556**, and the grayscale version is **71.6916, -3.8253, 3.8951**.

A 20% lighter version of the original color is **94.5627, -30.4338, 42.1800**, and **55.4315, -31.3834, 32.5619** is the 20% darker color. If you saturate the color by 10%, you get **77.0488, -40.0890, 43.1674**, and if you desaturate by 10%, it is **78.7295, -32.6416, 37.4441**.

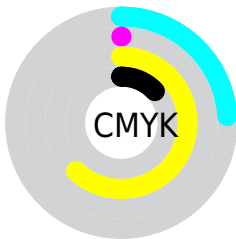
Distribution



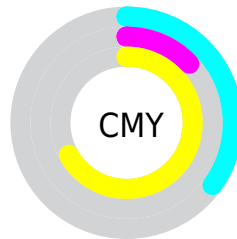
- Red (65%)
- Green (87%)
- Blue (33%)



- Red (33%)
- Yellow (87%)
- Blue (55%)



- Cyan (24%)
- Magenta (0%)
- Yellow (62%)
- Black (13%)



- Cyan (35%)
- Magenta (13%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.8359, -36.6097, 40.7746 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 77.8359, -36.6097, 40.7746 by changing the saturation by 10% instead.

■ 77.8359, -36.6097,
40.7746

■ 77.8359, -36.6097,
40.7746

206.5812,
-57.9836, 71.9628

■ 66.2510, -33.9739,
36.7275

■ 102.8011,
-41.6581, 48.3995

■ 55.3042, -31.2343,
32.4870

■ 116.1241,
-44.0941, 52.0201

■ 45.0372, -28.3646,
28.0223

■ 129.9776,
-46.4851, 55.5362

■ 35.4982, -25.3241,
23.3056

■ 144.3420,
-48.8386, 58.9616

■ 26.7480, -22.0517,
18.7236

159.1997,
-51.1607, 62.3079

■ 18.8652, -18.4491,
13.2056

174.5349,

■ 11.9584, -15.6677,

-53.4562, 65.5849

8.3709

190.3331,
-55.7294, 68.8008

■ 4.8857, -8.5500,
3.4200

0.0000, NaN, NaN

■ 77.8359, -36.6097,
40.7746

■ 77.8359, -36.6097,
40.7746

■ 77.0488, -40.0890,
43.1674

■ 78.7295, -32.6416,
37.4441

■ 76.3584, -43.0876,
44.6824

■ 79.7274, -28.1757,
33.1362

■ 75.7598, -45.6349,
45.4121

■ 80.8334, -23.2191,
27.8320

■ 75.3140, -47.4975,
45.5766

■ 82.0484, -17.7835,
21.5284

■ 83.3725, -11.8863,
14.2354

■ 84.8050, -5.5490,
5.9742

■ 86.3448, 1.2039,
-3.2250

■ 87.7359, 6.9900,
-9.7490

■ 88.6146, 9.9154,
-8.5224

Harmonies

Analogous

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



77.8376, -7.0789, 44.5023



77.8359, -36.6097, 40.7746



77.8376, -54.5377, 27.9942

Triad

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



77.8376, -36.6116, 40.7751



77.8376, -32.3275, -74.7131



77.8376, 73.4472, 6.9851

Complementary

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



77.8359, -36.6097, 40.7746



41.4828, 43.3696, -71.4556

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.



77.8376, 63.5755, -30.6525



77.8359, -36.6097, 40.7746



77.8376, -1.1921, -88.3240

Square

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



77.8376, -36.6116, 40.7751



77.8376, -52.3824, -37.7325



77.8376, 34.6763, -69.5292



77.8376, 59.7216, 31.0347

Rectangle

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



77.8359, -36.6097, 40.7746



77.8376, -59.4303, 11.9496



77.8376, 34.6763, -69.5292



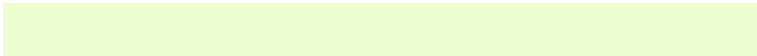
77.8376, 72.7789, -4.3559

Sweetspot

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



77.8376, -36.6116, 40.7751



97.0020, -18.6198, 22.5365



58.2747, 21.8455, 27.5461



44.6716, -9.5333, 11.5422

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.8376, -36.6116, 40.7751



90.3484, -48.2805, 51.4141



74.2501, -50.9649, 37.9969



38.7202, -4.8991, 5.8187



57.4600, -35.9625, 34.7770



14.7935, -8.4761, 8.9673

Inverse Universe

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



41.4828, 43.3696, -71.4556



41.0301, 63.2350, -110.3222



49.7164, 62.0526, -49.8621



35.8722, 1.0433, -2.0946



20.7186, 50.1181, -100.0744



5.7207, 13.2311, -22.9252

Previews

White Background



This preview shows how the HunterLab color 77.8359, -36.6097, 40.7746 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 77.8359, -36.6097, 40.7746 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 77.8359, -36.6097, 40.7746 Background



This preview shows how black text looks on a background with the HunterLab color 77.8359, -36.6097, 40.7746.



This preview shows how white text looks on a background with the HunterLab color 77.8359,

-36.6097, 40.7746.

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

77.8359, -36.6097, 40.7746

Protanopia

77.5215, -9.6664, 41.7946

Deuteranopia

77.5044, 5.8060, 39.9373



Tritanopia

77.6671, -7.7314, -6.1120

Trichromacy



Original Color

77.8359, -36.6097, 40.7746

Protanomaly

77.2538, -20.2518, 41.1225

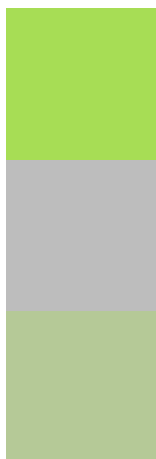
Deuteranomaly

77.0039, -11.3035, 39.8039

Tritanomaly

77.1810, -20.7098, 16.8253

Monochromacy



Original Color

77.8359, -36.6097, 40.7746

Achromatopsia

71.3359, -3.8063, 3.8758

Achromatomaly

73.3699, -17.6317, 21.2419

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.8359, -36.6097, 40.7746 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(167, 221, 85)` looks like.

```
.text, #text, p{  
    color:rgb(167, 221, 85)  
}
```

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(167, 221, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 221, 85) }
```

Border

The CSS property to change the border of an element to HunterLab 77.8359, -36.6097, 40.7746 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(167, 221, 85) }
```


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

```
.border{ border-color:rgb(167, 221, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 221, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 221, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 221, 85);  
box-shadow:4px 4px 4px 4px rgb(167, 221,  
85) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.8359, -36.6097, 40.7746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 221, 85) }
```

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

```
.background{ background-color: rgb(167,  
221, 85) }
```

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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