

# Converting Colors

HunterLab(37.4697, 78.5307,  
-87.1253)

Have a look what the booklet for  
HunterLab(37.4697, 78.5307,  
-87.1253) contains.

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# Color

**HunterLab(37.4696, 78.5306,  
-87.1253)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AB00E0
RGB	171, 0, 224
RGB Percent	67%, 0%, 88%
CMY	0.3294, 1.0000, 0.1216
CMYK	0.24, 1.00, 0.00, 0.12
HSL	286°, 100%, 44%
HSV	286°, 100%, 88%
XYZ	30.2491, 14.0397, 71.6365
YIQ	76.6650, 30.0120, 105.9160

# Conversions

## Conversions Part 2

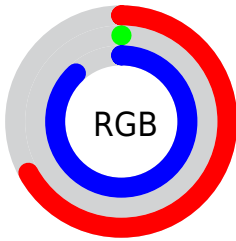
<b>Format</b>	<b>Color</b>
<b>RYB</b>	171, 0, 224
Decimal	11206880
CIELab	44.29, 81.50, -70.00
CIELCh	44, 107.436, 319.341
Yxy	14.0402, 0.2609, 0.1211
Android (android.graphics.Color)	4289396960 (0xFFAB00E0)
YUV	76.6650, 72.6362, 82.7318
Hunter-Lab	37.4696, 78.5306, -87.1253

# Details

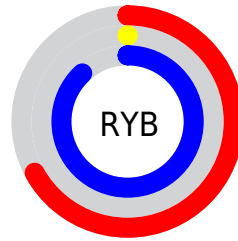
The HunterLab color  $37.4696, 78.5306, -87.1253$  is a dark color, and the websafe version is hex  $9900CC$ . The color can be described as middle washed purple. A complement of this color would be  $73.5313, -60.4069, 44.2519$ , and the grayscale version is  $26.8641, -1.4334, 1.4596$ .

A 20% lighter version of the original color is  $55.8465, 76.4477, -64.6904$ , and  $24.9695, 53.9344, -70.4794$  is the 20% darker color. If you saturate the color by 10%, you get  $37.4697, 78.5307, -87.1253$ , and if you desaturate by 10%, it is  $39.0344, 76.7527, -81.7194$ .

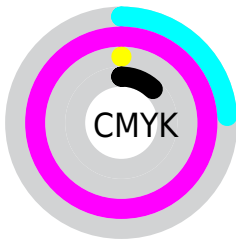
# Distribution



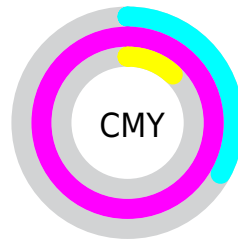
- Red (67%)
- Green (0%)
- Blue (88%)



- Red (67%)
- Yellow (0%)
- Blue (88%)



- Cyan (24%)
- Magenta (100%)
- Yellow (0%)
- Black (12%)



- Cyan (33%)
- Magenta (100%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.4696, 78.5306, -87.1253 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 37.4696, 78.5306, -87.1253 by changing the saturation by 10% instead.



37.4696, 78.5306,  
-87.1253

37.4696, 78.5306,  
-87.1253

147.4724, 98.9371,  
-91.8480

28.5458, 76.2153,  
-88.8056

57.5851, 83.4788,  
-86.5823

20.4700, 74.3380,  
-92.6113

68.6715, 85.9264,  
-86.9863

13.3436, 73.6539,  
-101.0818

80.3902, 88.3072,  
-87.6098

6.8920, 82.9299,  
-130.6546

92.7087, 90.6073,  
-88.3651

0.0000, INF, -NF

0.0000, NaN, -NF

105.5991, 92.8210,  
-89.1972

0.0000, NaN, -NF

119.0371, 94.9465,

0.0000, NaN, NaN

-90.0698

133.0013, 96.9846,  
-90.9589

■ 37.4696, 78.5306,  
-87.1253

■ 37.4696, 78.5306,  
-87.1253

■ 37.4697, 78.5307,  
-87.1253

■ 39.0344, 76.7527,  
-81.7194

■ 41.4015, 72.3400,  
-74.2137

■ 44.6918, 65.3499,  
-64.8734

■ 48.8480, 56.5447,  
-54.5062

■ 53.7685, 46.6893,  
-43.8138

■ 59.3415, 36.3593,  
-33.2574

■ 65.4645, 25.9165,  
-23.0771

■ 72.0502, 15.5574,  
-13.3623

■ 79.0277, 5.3720,  
-4.1175

# Harmonies

## Analogous

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



37.4703, 27.8506, -160.1806



37.4696, 78.5306, -87.1253



37.4703, 111.2273, -14.6533

# Triad

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



37.4703, 78.5302, -87.1232



37.4703, 13.7249, 26.2292



37.4703, -51.1494, -32.2746

# Complementary

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



37.4696, 78.5306, -87.1253



73.5313, -60.4069, 44.2519

# 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.



37.4703, -52.2685, 13.4290



37.4696, 78.5306, -87.1253



37.4703, -24.7022, 26.2292

# Square

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



37.4703, 78.5302, -87.1232



37.4703, 64.4498, 26.2292



37.4703, -45.0162, 25.5253



37.4703, -40.7776, -111.1278



# Rectangle

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



37.4696, 78.5306, -87.1253



37.4703, 111.8504, 12.2858



37.4703, -45.0162, 25.5253



37.4703, -52.3791, -12.2913

# Sweetspot

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



37.4703, 78.5302, -87.1232



75.6620, 30.2841, -26.9835



28.6547, 42.4797, -127.5163



33.5810, 16.3865, -14.7737

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



37.4703, 78.5302, -87.1232



43.3331, 90.8704, -101.1534



43.2143, 80.5468, -22.7899



37.0994, 2.2502, -1.6917



28.6831, 60.0418, -66.1243



7.8115, 16.1571, -16.4993



# Inverse Universe

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



40.1306, 69.3642, 20.9652



46.4648, 80.2822, 24.5226



73.2100, -61.3847, 41.0063



37.0856, 1.7122, 2.0990



30.6412, 53.0109, 15.6372



8.1525, 14.2710, 2.8671



# Previews

## White Background



This preview shows how the HunterLab color 37.4696, 78.5306, -87.1253 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

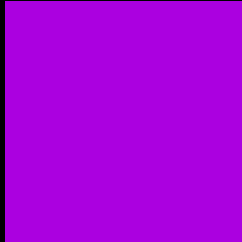
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 37.4696, 78.5306, -87.1253 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

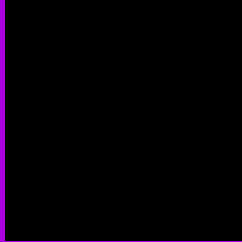
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# HunterLab 37.4696, 78.5306, -87.1253 Background



This preview shows how black text looks on a background with the HunterLab color 37.4696, 78.5306, -87.1253.



This preview shows how white text looks on a background with the HunterLab color 37.4696, 78.5306, -87.1253.

-87.1253.

# 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

37.4696, 78.5306, -87.1253

### Protanopia

38.3539, 13.7425, -77.6052

### Deuteranopia

38.2249, 1.5365, -51.0947



## Tritanopia

37.9037, 19.7197, 7.1367

# Trichromacy



## Original Color

37.4696, 78.5306, -87.1253

## Protanomaly

31.7614, 39.1324, -106.1403

## Deuteranomaly

30.8944, 31.3033, -87.6497

## Tritanomaly

34.6706, 43.9554, -20.9597

# Monochromacy



## Original Color

37.4696, 78.5306, -87.1253

## Achromatopsia

27.2422, -1.4536, 1.4801

## Achromatomaly

26.8101, 30.8676, -29.6437

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 37.4696, 78.5306, -87.1253 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(171, 0, 224)` looks like.

```
.text, #text, p{  
    color:rgb(171, 0, 224)  
}
```

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(171, 0, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 0, 224) }
```

## Border

The CSS property to change the border of an element to HunterLab 37.4696, 78.5306, -87.1253 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(171, 0, 224) }
```



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

```
.border{ border-color:rgb(171, 0, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 0, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 0, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 0, 224);  
box-shadow:4px 4px 4px 4px rgb(171, 0,  
224) }
```

# Background

The CSS property to change the background color of an element to HunterLab 37.4696, 78.5306, -87.1253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 0, 224) }
```

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

```
.background{ background-color: rgb(171, 0,  
224) }
```

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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