

Converting Colors

HunterLab(37.7837, 79.0066,
-86.4428)

Have a look what the booklet for
HunterLab(37.7837, 79.0066,
-86.4428) contains.

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Color

**HunterLab(37.7704, 78.9313,
-86.0443)**

Conversions

Conversions Part 1

Format	Color
Hex	AD00E0
RGB	173, 0, 224
RGB Percent	68%, 0%, 88%
CMY	0.3216, 1.0000, 0.1216
CMYK	0.23, 1.00, 0.00, 0.12
HSL	286°, 100%, 44%
HSV	286°, 100%, 88%
XYZ	30.6881, 14.2660, 71.6571
YIQ	77.2630, 31.2040, 106.3400

Conversions

Conversions Part 2

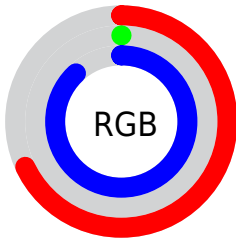
Format	Color
RYB	173, 0, 224
Decimal	11337952
CIELab	44.61, 81.76, -69.46
CIELCh	45, 107.279, 319.648
Yxy	14.2666, 0.2632, 0.1223
Android (android.graphics.Color)	4289528032 (0xFFAD00E0)
YUV	77.2630, 72.3413, 83.9613
Hunter-Lab	37.7704, 78.9313, -86.0443

Details

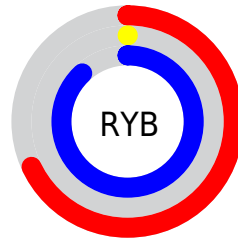
The HunterLab color **37.7704, 78.9313, -86.0443** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **73.4952, -60.5602, 44.2270**, and the grayscale version is **27.0795, -1.4449, 1.4713**.

A 20% lighter version of the original color is **56.1454, 77.0617, -63.9609**, and **25.2338, 54.2699, -69.4016** is the 20% darker color. If you saturate the color by 10%, you get **37.7705, 78.9314, -86.0445**, and if you desaturate by 10%, it is **39.3047, 77.1472, -80.8093**.

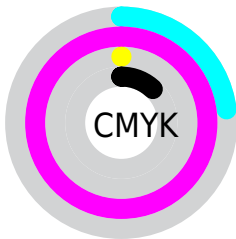
Distribution



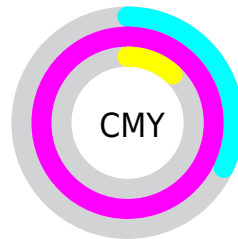
- Red (68%)
- Green (0%)
- Blue (88%)



- Red (68%)
- Yellow (0%)
- Blue (88%)



- Cyan (23%)
- Magenta (100%)
- Yellow (0%)
- Black (12%)



- Cyan (32%)
- Magenta (100%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.7704, 78.9313, -86.0443 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 37.7704, 78.9313, -86.0443 by changing the saturation by 10% instead.

37.7704, 78.9313,
-86.0443

37.7704, 78.9313,
-86.0443

147.9469, 99.3728,
-90.9195

28.8207, 76.6085,
-87.6103

57.9321, 83.8879,
-85.6096

20.7161, 74.7158,
-91.2066

69.0395, 86.3390,
-86.0386

13.5571, 73.9898,
-99.2378

80.7780, 88.7233,
-86.6771

7.1461, 81.8066,
-125.7210

93.1153, 91.0271,
-87.4406

0.0000, INF, -NF

0.0000, NaN, -NF

106.0238, 93.2446,
-88.2759

0.0000, NaN, -NF

119.4790, 95.3740,

0.0000, NaN, NaN

-89.1485

133.4598, 97.4161,
-90.0349

■ 37.7704, 78.9313,
-86.0443

■ 37.7704, 78.9313,
-86.0443

■ 37.7705, 78.9314,
-86.0445

■ 39.3047, 77.1472,
-80.8093

■ 41.6369, 72.7345,
-73.4909

■ 44.8899, 65.7378,
-64.3317

■ 49.0092, 56.9089,
-54.1191

■ 53.8949, 47.0112,
-43.5478

■ 59.4365, 36.6249,
-33.0817

■ 65.5314, 26.1175,
-22.9672

■ 72.0922, 15.6904,
-13.3004

■ 79.0476, 5.4373,
-4.0907

Harmonies

Analogous

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



37.7711, 28.3595, -159.0700



37.7704, 78.9313, -86.0443



37.7711, 111.2291, -14.0794

Triad

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



37.7711, 78.9308, -86.0422



37.7711, 13.2395, 26.4398



37.7711, -51.3175, -32.9125

Complementary

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



37.7704, 78.9313, -86.0443



73.4952, -60.5602, 44.2270

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.



37.7711, -52.5284, 13.2135



37.7704, 78.9313, -86.0443



37.7711, -25.0646, 26.4398

Square

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



37.7711, 78.9308, -86.0422



37.7711, 63.8876, 26.4398



37.7711, -45.3147, 25.6213



37.7711, -40.7446, -111.6168

Rectangle

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



37.7704, 78.9313, -86.0443



37.7711, 111.5609, 12.6006



37.7711, -45.3147, 25.6213



37.7711, -52.5881, -12.8194

Sweetspot

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



37.7711, 78.9308, -86.0422



75.7398, 30.5192, -26.8553



28.0401, 44.4765, -131.0583



33.6231, 16.5103, -14.7007

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



37.7711, 78.9308, -86.0422



43.6835, 91.3368, -99.8911



43.0554, 79.9801, -20.6105



37.1081, 2.2792, -1.6802



28.9096, 60.3441, -65.3148



7.8629, 16.2268, -16.3255

Inverse Universe

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



40.1082, 69.2811, 21.2961



46.4393, 80.1878, 24.8989



73.2359, -61.2226, 40.6239



37.0829, 1.6975, 2.1380



30.6233, 52.9450, 15.8998



8.1462, 14.2481, 2.9579

Previews

White Background



This preview shows how the HunterLab color 37.7704, 78.9313, -86.0443 looks on a white background.

Color Contrast Check

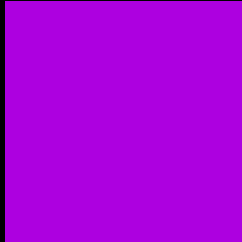
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.7704, 78.9313, -86.0443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

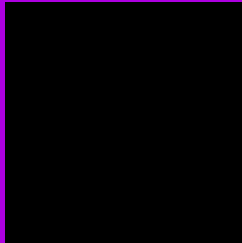
Any Text WCAG AA × Fail

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 37.7704, 78.9313, -86.0443 Background



This preview shows how black text looks on a background with the HunterLab color 37.7704, 78.9313, -86.0443.



This preview shows how white text looks on a background with the HunterLab color 37.7704, 78.9313, -86.0443.

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

37.7704, 78.9313, -86.0443

Protanopia

38.6815, 13.5485, -77.5958

Tritanopia

38.2853, 20.8236, 7.5562

Trichromacy



Original Color

37.7704, 78.9313, -86.0443

Protanomaly

31.8127, 39.2449, -105.9028

Tritanomaly

35.1120, 44.9050, -20.1295

Monochromacy



Original Color

37.7704, 78.9313, -86.0443

Achromatopsia

27.2422, -1.4536, 1.4801

Achromatomaly

26.9315, 31.1433, -29.3536

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.7704, 78.9313, -86.0443 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(173, 0, 224)` looks like.

```
.text, #text, p{  
  color:rgb(173, 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(173, 0, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 0, 224) }
```

Border

The CSS property to change the border of an element to HunterLab 37.7704, 78.9313, -86.0443 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(173, 0, 224) }
```

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

```
.border{ border-color:rgb(173, 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(173, 0, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 0, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 0, 224);  
box-shadow:4px 4px 4px 4px rgb(173, 0,  
224) }
```


Background

The CSS property to change the background color of an element to HunterLab 37.7704, 78.9313, -86.0443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 0, 224) }
```

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

```
.background{ background-color: rgb(173, 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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