

Converting Colors

HunterLab(37.9344, 77.7890,
-74.9054)

Have a look what the booklet for
HunterLab(37.9344, 77.7890,
-74.9054) contains.

HunterLab(37.9983, 77.8499, -74.4883)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(37.9983, 77.8499,
-74.4883)**

Conversions

Conversions Part 1

Format	Color
Hex	B300D6
RGB	179, 0, 214
RGB Percent	70%, 0%, 84%
CMY	0.2980, 0.9999, 0.1608
CMYK	0.16, 1.00, 0.00, 0.16
HSL	290°, 100%, 42%
HSV	290°, 100%, 84%
XYZ	30.7279, 14.4387, 64.7856
YIQ	77.9170, 37.9900, 104.5020

Conversions

Conversions Part 2

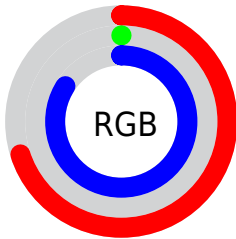
Format	Color
RYB	179, 0, 214
Decimal	11731158
CIELab	44.86, 80.85, -63.29
CIELCh	45, 102.681, 321.946
Yxy	14.4393, 0.2795, 0.1313
Android (android.graphics.Color)	4289921238 (0xFFB300D6)
YUV	77.9170, 67.0889, 88.6498
Hunter-Lab	37.9983, 77.8499, -74.4883

Details

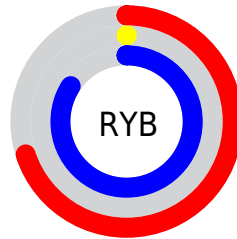
The HunterLab color $37.9983, 77.8499, -74.4883$ is a dark color, and the websafe version is hex $9900CC$. The color can be described as middle washed purple. A complement of this color would be $69.6066, -58.3674, 41.8691$, and the grayscale version is $27.3316, -1.4583, 1.4850$.

A 20% lighter version of the original color is $57.1974, 78.4717, -61.4504$, and $25.4199, 53.2434, -58.8531$ is the 20% darker color. If you saturate the color by 10%, you get $37.9983, 77.8499, -74.4886$, and if you desaturate by 10%, it is $39.2594, 75.9878, -70.5554$.

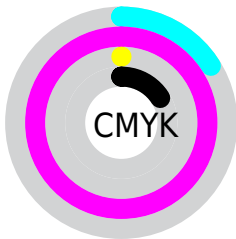
Distribution



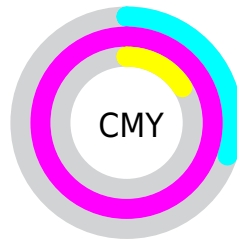
- Red (70%)
- Green (0%)
- Blue (84%)



- Red (70%)
- Yellow (0%)
- Blue (84%)



- Cyan (16%)
- Magenta (100%)
- Yellow (0%)
- Black (16%)



- Cyan (30%)
- Magenta (100%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.9983, 77.8499, -74.4883 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 37.9983, 77.8499, -74.4883 by changing the saturation by 10% instead.

37.9983, 77.8499,
-74.4883

37.9983, 77.8499,
-74.4883

148.3060, 98.0943,
-80.2081

29.0290, 75.5193,
-75.3420

58.1949, 82.7825,
-74.7489

20.9028, 73.5886,
-77.7052

69.3181, 85.2131,
-75.3356

13.7193, 72.7522,
-83.3827

81.0716, 87.5743,
-76.0602

7.3324, 79.3244,
-102.4689

93.4231, 89.8533,
-76.8600

0.0000, INF, -NF

0.0000, NaN, -NF

106.3452, 92.0451,
-77.6960

0.0000, NaN, -NF

119.8135, 94.1484,

0.0000, NaN, NaN

-78.5429

133.8068, 96.1641,
-79.3839

■ 37.9983, 77.8499,
-74.4883

■ 37.9983, 77.8499,
-74.4883

■ 37.9983, 77.8499,
-74.4886

■ 39.2594, 75.9878,
-70.5554

■ 41.2416, 71.7166,
-64.7912

■ 44.0785, 64.9795,
-57.2745

■ 47.7356, 56.4171,
-48.6151

■ 52.1312, 46.7344,
-39.4135

■ 57.1676, 36.5022,
-30.1149

■ 62.7500, 26.1034,
-20.9873

■ 68.7951, 15.7605,
-12.1615

■ 75.2331, 5.5845,
-3.6807

Harmonies

Analogous

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



37.9991, 30.6067, -143.7110



37.9983, 77.8499, -74.4883



37.9991, 105.7389, -9.4680

Triad

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



37.9991, 77.8489, -74.4862



37.9991, 9.1694, 26.5994



37.9991, -49.8409, -35.8925

Complementary

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



37.9983, 77.8499, -74.4883



69.6066, -58.3674, 41.8691

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.



37.9991, -51.6906, 10.8381



37.9983, 77.8499, -74.4883



37.9991, -26.3869, 26.5994

Square

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



37.9991, 77.8489, -74.4862



37.9991, 56.8021, 26.5994



37.9991, -45.1570, 25.0669



37.9991, -38.3415, -109.5669

Rectangle

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



37.9983, 77.8499, -74.4883



37.9991, 104.0252, 14.1601



37.9991, -45.1570, 25.0669



37.9991, -51.3531, -16.0630

Sweetspot

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



37.9991, 77.8489, -74.4862



76.3046, 32.2206, -25.9293



24.6931, 49.0182, -136.6785



33.9299, 17.4069, -14.1731

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



37.9991, 77.8489, -74.4862



46.2711, 94.8438, -91.0544



40.3357, 73.9661, -11.8569



35.3909, 2.3444, -1.5007



29.6072, 60.6146, -57.6994



7.4616, 15.1503, -13.5661

Inverse Universe

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



37.9709, 65.3440, 22.0571



46.2872, 79.6249, 27.1453



69.6797, -57.3966, 36.8099



35.2897, 1.4965, 2.2986



29.5375, 50.8668, 16.8933



7.3262, 12.7584, 3.0900

Previews

White Background



This preview shows how the HunterLab color 37.9983, 77.8499, -74.4883 looks on a white background.

Color Contrast Check

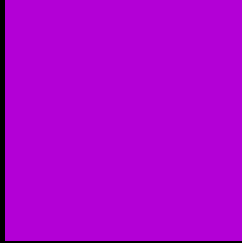
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.9983, 77.8499, -74.4883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

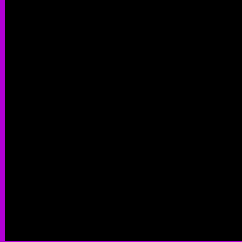
Any Text WCAG AA × Fail

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 37.9983, 77.8499, -74.4883 Background



This preview shows how black text looks on a background with the HunterLab color 37.9983, 77.8499, -74.4883.



This preview shows how white text looks on a background with the HunterLab color 37.9983, 77.8499, -74.4883.

-74.4883.

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

37.9983, 77.8499, -74.4883

Protanopia

38.8174, 14.2372, -79.2525

Deuteranopia

38.7903, 2.5846, -54.0640



Tritanopia

38.4190, 25.2995, 9.1889

Trichromacy



Original Color

37.9983, 77.8499, -74.4883

Protanomaly

31.7525, 38.7810, -103.6098

Deuteranomaly

31.1788, 30.8132, -85.3283

Tritanomaly

35.5251, 47.3414, -15.5362

Monochromacy



Original Color

37.9983, 77.8499, -74.4883

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

27.3100, 30.9123, -26.2214

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.9983, 77.8499, -74.4883 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(179, 0, 214)` looks like.

```
.text, #text, p{  
    color:rgb(179, 0, 214)  
}
```

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(179, 0, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 0, 214) }
```

Border

The CSS property to change the border of an element to HunterLab 37.9983, 77.8499, -74.4883 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(179, 0, 214) }
```


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

```
.border{ border-color:rgb(179, 0, 214) }
```

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

Here you see how a box with a 4 pixel rgb(179, 0, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 0, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 0, 214);  
box-shadow:4px 4px 4px 4px rgb(179, 0,  
214) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.9983, 77.8499, -74.4883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 0, 214) }
```

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

```
.background{ background-color: rgb(179, 0,  
214) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

[@ConvertingColor](#)