

Converting Colors

HunterLab(47.7416, 86.9681,
-9.5315)

Have a look what the booklet for
HunterLab(47.7416, 86.9681,
-9.5315) contains.

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Color

**HunterLab(47.7778, 87.0601,
-9.7397)**

Conversions

Conversions Part 1

Format	Color
Hex	FA009F
RGB	250, 0, 159
RGB Percent	98%, 0%, 62%
CMY	0.0196, 0.9998, 0.3765
CMYK	0.00, 1.00, 0.36, 0.02
HSL	322°, 100%, 49%
HSV	322°, 100%, 98%
XYZ	45.6823, 22.8272, 34.7992
YIQ	92.8760, 97.9610, 102.4490

Conversions

Conversions Part 2

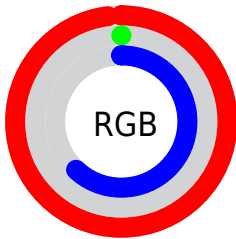
Format	Color
R_{YB}	250, 0, 159
Decimal	16384159
CIE _{Lab}	54.90, 86.08, -14.51
CIE _{LCh}	55, 87.291, 350.432
Yxy	22.8285, 0.4422, 0.2210
Android (android.graphics.Color)	4294574239 (0xFFFA009F)
YUV	92.8760, 32.5991, 137.7977
Hunter-Lab	47.7778, 87.0601, -9.7397

Details

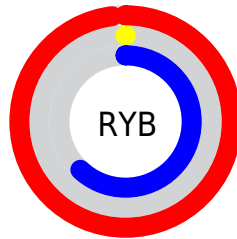
The HunterLab color **47.7778, 87.0601, -9.7397** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **83.1432, -68.0466, 42.9738**, and the grayscale version is **32.9087, -1.7559, 1.7880**.

A 20% lighter version of the original color is **59.3543, 70.3607, -25.7437**, and **34.1284, 61.6184, -2.5386** is the 20% darker color. If you saturate the color by 10%, you get **47.7771, 87.0573, -9.7290**, and if you desaturate by 10%, it is **48.8393, 85.7632, -13.4377**.

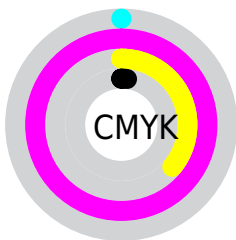
Distribution



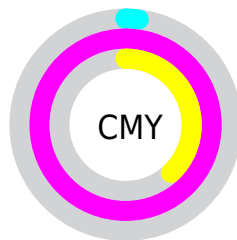
- Red (98%)
- Green (0%)
- Blue (62%)



- Red (98%)
- Yellow (0%)
- Blue (62%)



- Cyan (0%)
- Magenta (100%)
- Yellow (36%)
- Black (2%)



- Cyan (2%)
- Magenta (100%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.7778, 87.0601, -9.7397 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 47.7778, 87.0601, -9.7397 by changing the saturation by 10% instead.

47.7778, 87.0601,
-9.7397

47.7778, 87.0601,
-9.7397

163.3532,
107.8076, -8.5351

38.0354, 84.5494,
-9.5805

69.3625, 92.1471,
-9.8479

29.0622, 82.2387,
-9.3477

81.1183, 94.6271,
-9.8106

20.9325, 80.4485,
-9.0368

93.4722, 97.0338,
-9.7176

13.7452, 80.0123,
-8.6566

106.3964, 99.3586,
-9.5729

7.3616, 87.8766,
-8.9935

119.8667,
101.5981, -9.3796

0.0000, INF, -NF

0.0000, INF, NaN

133.8620,

103.7519, -9.1405

0.0000, NaN, NaN

148.3632,
105.8211, -8.8583

0.0000, NaN, NaN

■ 47.7778, 87.0601,
-9.7397

■ 47.7778, 87.0601,
-9.7397

■ 47.7771, 87.0573,
-9.7290

■ 48.8393, 85.7632,
-13.4377

■ 50.7865, 81.6703,
-15.9601

■ 53.7795, 74.6293,
-16.9577

■ 57.7999, 65.2564,
-16.4513

■ 62.7617, 54.3448,
-14.6459

■ 68.5498, 42.5979,
-11.8150

■ 75.0461, 30.5209,
-8.2185

■ 82.1435, 18.4256,
-4.0667

■ 89.7509, 6.4793,
0.4842

Harmonies

Analogous

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



47.7792, 63.6556, -61.5439



47.7778, 87.0601, -9.7397



47.7792, 81.5240, 20.3967

Triad

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



47.7792, 87.0554, -9.7380



47.7792, -24.4650, 32.3308



47.7792, -39.2381, -81.5292

Complementary

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



47.7778, 87.0601, -9.7397



83.1432, -68.0466, 42.9738

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.



47.7792, -51.7778, -26.6979



47.7778, 87.0601, -9.7397



47.7792, -45.1756, 28.4494

Square

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



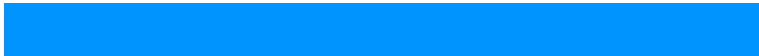
47.7792, 87.0554, -9.7380



47.7792, 9.5510, 32.7019



47.7792, -53.5688, 12.3321



47.7792, -13.5585, -119.2207

Rectangle

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



47.7778, 87.0601, -9.7397



47.7792, 62.6542, 28.6731



47.7792, -53.5688, 12.3321



47.7792, -44.7643, -63.1706

Sweetspot

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



47.7792, 87.0554, -9.7380



76.7166, 31.2837, -8.4275



29.9260, 74.3015, -159.4457



34.1584, 16.8928, -4.6537

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.7792, 87.0554, -9.7380



48.8613, 89.0267, -9.9011



45.2353, 77.7626, 26.8813



41.7265, 2.7359, 0.3293



34.8375, 63.5525, -7.6609



10.6977, 19.6843, -3.6624

Inverse Universe

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



47.7792, 87.0554, -9.7380



48.8613, 89.0267, -9.9011



85.5282, -53.3907, 8.3548



41.7265, 2.7359, 0.3293



34.8375, 63.5525, -7.6609



10.6977, 19.6843, -3.6624

Previews

White Background



This preview shows how the HunterLab color 47.7778, 87.0601, -9.7397 looks on a white background.

Color Contrast Check

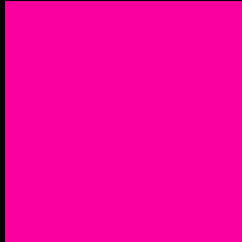
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 47.7778, 87.0601, -9.7397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

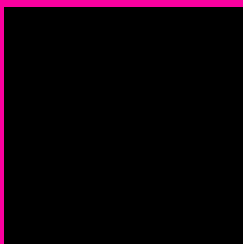
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 47.7778, 87.0601, -9.7397 Background



This preview shows how black text looks on a background with the HunterLab color 47.7778, 87.0601, -9.7397.



This preview shows how white text looks on a background with the HunterLab color 47.7778, 87.0601, -9.7397.

-9.7397.

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

47.7778, 87.0601, -9.7397

Protanopia

48.7241, 10.7260, -59.1041

Deuteranopia

48.2987, 3.5953, -4.5685



Tritanopia

48.1350, 64.2445, 24.6253

Trichromacy



Original Color

47.7778, 87.0601, -9.7397



Protanomaly

40.9807, 41.9044, -55.7570



Deuteranomaly

42.2910, 41.1127, -14.8668



Tritanomaly

46.9162, 73.9522, 15.2865

Monochromacy



Original Color

47.7778, 87.0601, -9.7397



Achromatopsia

33.0850, -1.7653, 1.7976



Achromatomaly

33.0096, 36.0675, -9.2567

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.7778, 87.0601, -9.7397 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(250, 0, 159)` looks like.

```
.text, #text, p{  
  color:rgb(250, 0, 159)  
}
```

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(250, 0, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 0, 159) }
```

Border

The CSS property to change the border of an element to HunterLab 47.7778, 87.0601, -9.7397 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(250, 0, 159) }
```


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

```
.border{ border-color:rgb(250, 0, 159) }
```

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

Here you see how a box with a 4 pixel rgb(250, 0, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 0, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 0, 159);  
box-shadow:4px 4px 4px 4px rgb(250, 0,  
159) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.7778, 87.0601, -9.7397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 0, 159) }
```

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

```
.background{ background-color: rgb(250, 0,  
159) }
```

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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