

Converting Colors

HunterLab(49.7895, 94.2726,
-37.6441)

Have a look what the booklet for
HunterLab(49.7895, 94.2726,
-37.6441) contains.

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Color

**HunterLab(49.8287, 94.3738,
-37.8838)**

Conversions

Conversions Part 1

Format	Color
Hex	FA00CF
RGB	250, 0, 207
RGB Percent	98%, 0%, 81%
CMY	0.0196, 0.9998, 0.1882
CMYK	0.00, 1.00, 0.17, 0.02
HSL	310°, 100%, 49%
HSV	310°, 100%, 98%
XYZ	50.6868, 24.8290, 61.1525
YIQ	98.3480, 82.5530, 117.3770

Conversions

Conversions Part 2

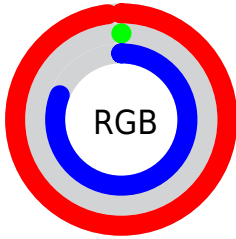
Format	Color
R_{YB}	250, 0, 207
Decimal	16384207
CIE _{Lab}	56.91, 91.20, -39.31
CIE _{LCh}	57, 99.313, 336.686
Yxy	24.8303, 0.3709, 0.1817
Android (android.graphics.Color)	4294574287 (0xFFFA00CF)
YUV	98.3480, 53.5654, 132.9988
Hunter-Lab	49.8287, 94.3738, -37.8838

Details

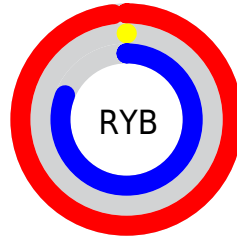
The HunterLab color $49.8287, 94.3738, -37.8838$ is a light color, and the websafe version is hex $FF00CC$. The color can be described as light saturated magenta. A complement of this color would be $82.7930, -70.2402, 48.1466$, and the grayscale version is $34.8740, -1.8608, 1.8948$.

A 20% lighter version of the original color is $61.6301, 77.6309, -51.6802$, and $35.9977, 67.9446, -25.5557$ is the 20% darker color. If you saturate the color by 10%, you get $49.8284, 94.3726, -37.8778$, and if you desaturate by 10%, it is $50.7345, 92.6507, -39.3678$.

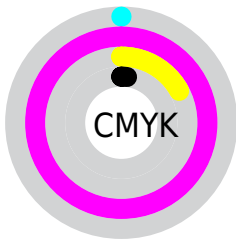
Distribution



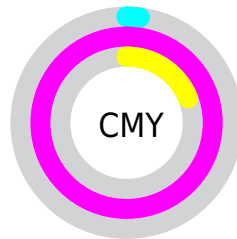
- Red (98%)
- Green (0%)
- Blue (81%)



- Red (98%)
- Yellow (0%)
- Blue (81%)



- Cyan (0%)
- Magenta (100%)
- Yellow (17%)
- Black (2%)



- Cyan (2%)
- Magenta (100%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.8287, 94.3738, -37.8838 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 49.8287, 94.3738, -37.8838 by changing the saturation by 10% instead.

49.8287, 94.3738,
-37.8838

49.8287, 94.3738,
-37.8838

166.4307,
116.0427, -42.6531

39.9383, 91.8116,
-37.2401

71.6811, 99.6190,
-39.2036

30.8046, 89.4739,
-36.6954

83.5598, 102.1947,
-39.8297

22.4981, 87.6853,
-36.4016

96.0306, 104.7041,
-40.4163

15.1112, 87.2518,
-36.7371

109.0667,
107.1367, -40.9583

8.7461, 91.0558,
-39.0322

122.6445,
109.4876, -41.4535

0.0000, INF, -NF

0.0000, NaN, NaN

136.7431,

111.7552, -41.9008

0.0000, NaN, NaN

151.3441,
113.9398, -42.3004

■ 49.8287, 94.3738,
-37.8838

■ 49.8287, 94.3738,
-37.8838

■ 49.8284, 94.3726,
-37.8778

■ 50.7345, 92.6507,
-39.3678

■ 52.4854, 88.0972,
-39.2007

■ 55.2500, 80.5193,
-37.1348

■ 59.0267, 70.4930,
-33.3754

■ 63.7450, 58.8080,
-28.3026

■ 69.3007, 46.1971,
-22.3191

■ 75.5813, 33.2085,
-15.7610

■ 82.4818, 20.1929,
-8.8714

■ 89.9106, 7.3454,
-1.8096

Harmonies

Analogous

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



49.8300, 54.8301, -105.3459



49.8287, 94.3738, -37.8838



49.8300, 104.5411, 10.7973

Triad

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



49.8300, 94.3700, -37.8815



49.8300, -11.6533, 34.8810



49.8300, -52.0225, -67.7182

Complementary

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



49.8287, 94.3738, -37.8838



82.7930, -70.2402, 48.1466

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.



49.8300, -59.8942, -7.0053



49.8287, 94.3738, -37.8838



49.8300, -42.0730, 33.2980

Square

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



49.8300, 94.3700, -37.8815



49.8300, 33.1924, 34.3056



49.8300, -56.9713, 24.4359



49.8300, -30.5805, -130.3908

Rectangle

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



49.8287, 94.3738, -37.8838



49.8300, 91.0731, 26.2410



49.8300, -56.9713, 24.4359



49.8300, -55.9563, -45.1133

Sweetspot

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



49.8300, 94.3700, -37.8815



77.2666, 34.0342, -16.1559



27.1836, 71.9321, -179.2554



34.4549, 18.3489, -8.8086

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.8300, 94.3700, -37.8815



50.9605, 96.5130, -38.7098



45.7772, 79.7652, 18.9079



41.7975, 3.1158, -0.6785



36.3164, 68.8243, -27.9380



11.1112, 21.1533, -9.2934

Inverse Universe

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



49.8300, 94.3700, -37.8815



50.9605, 96.5130, -38.7098



84.3507, -60.5707, 25.3260



41.7975, 3.1158, -0.6785



36.3164, 68.8243, -27.9380



11.1112, 21.1533, -9.2934

Previews

White Background



This preview shows how the HunterLab color 49.8287, 94.3738, -37.8838 looks on a white background.

Color Contrast Check

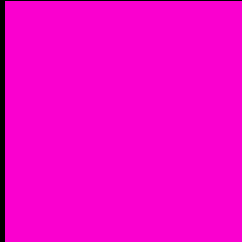
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.8287, 94.3738, -37.8838 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 49.8287, 94.3738, -37.8838 Background



This preview shows how black text looks on a background with the HunterLab color 49.8287, 94.3738, -37.8838.



This preview shows how white text looks on a background with the HunterLab color 49.8287, 94.3738, -37.8838.

-37.8838.

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

49.8287, 94.3738, -37.8838

Protanopia

50.7208, 14.7018, -79.0801

Deuteranopia

50.3537, 4.0952, -28.9975



Tritanopia

50.0819, 56.9093, 21.4337

Trichromacy



Original Color

49.8287, 94.3738, -37.8838



Protanomaly

42.5127, 48.0479, -85.7737



Deuteranomaly

43.6428, 44.0473, -45.7416



Tritanomaly

48.2709, 72.9280, 5.0809

Monochromacy



Original Color

49.8287, 94.3738, -37.8838



Achromatopsia

34.9484, -1.8648, 1.8988



Achromatomaly

34.7168, 39.2342, -18.9850

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.8287, 94.3738, -37.8838 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, 207)` looks like.

```
.text, #text, p{  
    color:rgb(250, 0, 207)  
}
```

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, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 0, 207) }
```

Border

The CSS property to change the border of an element to HunterLab 49.8287, 94.3738, -37.8838 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, 207) }
```


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

```
.border{ border-color:rgb(250, 0, 207) }
```

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, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 0, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 0, 207);  
box-shadow:4px 4px 4px 4px rgb(250, 0,  
207) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.8287, 94.3738, -37.8838 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, 207) }
```

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

```
.background{ background-color: rgb(250, 0,  
207) }
```

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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