

Converting Colors

HunterLab(49.3806, 90.8928,
-17.1377)

Have a look what the booklet for
HunterLab(49.3806, 90.8928,
-17.1377) contains.

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Color

**HunterLab(49.3909, 90.9297,
-17.2803)**

Conversions

Conversions Part 1

Format	Color
Hex	FF00B0
RGB	255, 0, 176
RGB Percent	100%, 0%, 69%
CMY	0.0000, 0.9998, 0.3098
CMYK	0.00, 1.00, 0.31, 0.00
HSL	319°, 100%, 50%
HSV	319°, 100%, 100%
XYZ	49.0765, 24.3946, 43.1964
YIQ	96.3090, 95.4840, 108.7960

Conversions

Conversions Part 2

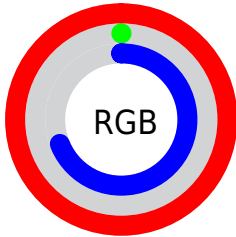
Format	Color
R_YB	255, 0, 176
Decimal	16711856
CIE _{Lab}	56.48, 88.71, -21.99
CIE _{LCh}	56, 91.391, 346.078
Y _{xy}	24.3959, 0.4207, 0.2091
Android (android.graphics.Color)	4294901936 (0xFFFF00B0)
YUV	96.3090, 39.2877, 139.1720
Hunter-Lab	49.3909, 90.9297, -17.2803

Details

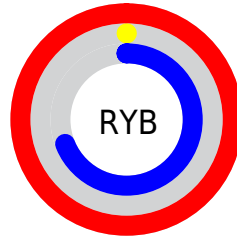
The HunterLab color **49.3909, 90.9297, -17.2803** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **84.9033, -70.4261, 45.9105**, and the grayscale version is **34.1621, -1.8228, 1.8561**.

A 20% lighter version of the original color is **60.4888, 72.8455, -36.2827**, and **35.7317, 65.1937, -7.9347** is the 20% darker color. If you saturate the color by 10%, you get **49.3901, 90.9271, -17.2701**, and if you desaturate by 10%, it is **50.4342, 89.5573, -20.6018**.

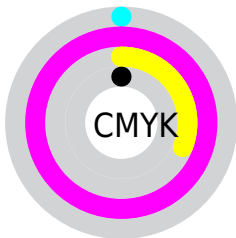
Distribution



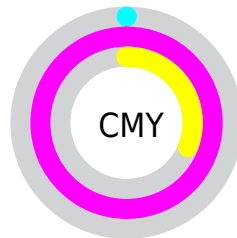
- Red (100%)
- Green (0%)
- Blue (69%)



- Red (100%)
- Yellow (0%)
- Blue (69%)



- Cyan (0%)
- Magenta (100%)
- Yellow (31%)
- Black (0%)



- Cyan (0%)
- Magenta (100%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.3909, 90.9297, -17.2803 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 49.3909, 90.9297, -17.2803 by changing the saturation by 10% instead.

49.3909, 90.9297,
-17.2803

49.3909, 90.9297,
-17.2803

165.7758,
112.1231, -18.2070

39.5317, 88.3852,
-16.8826

71.1867, 96.0976,
-17.8801

30.4319, 86.0425,
-16.4284

83.0395, 98.6239,
-18.0881

22.1626, 84.2089,
-15.9352

95.4856, 101.0798,
-18.2376

14.8176, 83.6595,
-15.4642

108.4980,
103.4559, -18.3316

8.4711, 87.6320,
-15.4290

122.0530,
105.7485, -18.3730

0.0000, INF, -NF

0.0000, INF, NaN

136.1298,

107.9566, -18.3644

0.0000, NaN, NaN

150.7096,
110.0808, -18.3083

0.0000, NaN, NaN

■ 49.3909, 90.9297,
-17.2803

■ 49.3909, 90.9297,
-17.2803

■ 49.3901, 90.9271,
-17.2701

■ 50.4342, 89.5573,
-20.6018

■ 52.3737, 85.2971,
-22.5603

■ 55.3740, 77.9857,
-22.8287

■ 59.4217, 68.2414,
-21.4800

■ 64.4332, 56.8770,
-18.7754

70.2938, 44.6230,
-15.0334

76.8840, 32.0108,
-10.5439

84.0947, 19.3720,
-5.5341

91.8324, 6.8865,
-0.1668

Harmonies

Analogous

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



49.3922, 62.2749, -74.6185



49.3909, 90.9297, -17.2803



49.3922, 89.7474, 18.4033

Triad

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



49.3922, 90.9250, -17.2785



49.3922, -21.3987, 33.7717



49.3922, -43.9995, -78.9010

Complementary

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



49.3909, 90.9297, -17.2803



84.9033, -70.4261, 45.9105

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.



49.3922, -55.2996, -20.8736



49.3909, 90.9297, -17.2803



49.3922, -45.2302, 30.7607

Square

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



49.3922, 90.9250, -17.2785



49.3922, 16.3303, 33.8464



49.3922, -55.6682, 16.7323



49.3922, -19.1158, -124.8132

Rectangle

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



49.3909, 90.9297, -17.2803



49.3922, 71.9567, 28.6898



49.3922, -55.6682, 16.7323



49.3922, -49.1291, -58.7948

Sweetspot

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



49.3922, 90.9250, -17.2785



76.8676, 32.0408, -10.5552



29.6313, 75.0985, -169.7299



34.2395, 17.2921, -5.7935

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.3922, 90.9250, -17.2785



49.3901, 90.9271, -17.2701



46.3689, 79.9173, 25.9595



42.6602, 2.9160, 0.0432



35.7413, 65.8679, -13.0279



11.2403, 20.8668, -5.2752

Inverse Universe

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



49.3922, 90.9250, -17.2785



49.3901, 90.9271, -17.2701



87.1095, -56.8258, 13.7938



42.6602, 2.9160, 0.0432



35.7413, 65.8679, -13.0279



11.2403, 20.8668, -5.2752

Previews

White Background



This preview shows how the HunterLab color 49.3909, 90.9297, -17.2803 looks on a white background.

Color Contrast Check

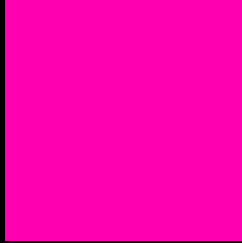
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.3909, 90.9297, -17.2803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

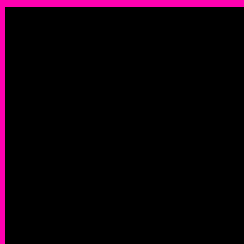
Any Text WCAG AA ✓ Pass

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 49.3909, 90.9297, -17.2803 Background



This preview shows how black text looks on a background with the HunterLab color 49.3909, 90.9297, -17.2803.



This preview shows how white text looks on a background with the HunterLab color 49.3909, 90.9297, -17.2803.

-17.2803.

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

49.3909, 90.9297, -17.2803

Protanopia

50.3169, 14.3293, -76.2867

Deuteranopia

49.9648, 3.2296, -10.8324



Tritanopia

49.6796, 64.0011, 24.4159

Trichromacy



Original Color

49.3909, 90.9297, -17.2803



Protanomaly

41.9876, 44.9547, -72.9219



Deuteranomaly

43.4832, 42.5679, -22.9732



Tritanomaly

48.4111, 75.6680, 13.0886

Monochromacy



Original Color

49.3909, 90.9297, -17.2803



Achromatopsia

34.2010, -1.8249, 1.8582



Achromatomaly

34.1880, 37.7897, -11.9196

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.3909, 90.9297, -17.2803 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(255, 0, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 176)  
}
```

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(255, 0, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 49.3909, 90.9297, -17.2803 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(255, 0, 176) }
```


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

```
.border{ border-color:rgb(255, 0, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 0, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 176);  
box-shadow:4px 4px 4px 4px rgb(255, 0,  
176) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.3909, 90.9297, -17.2803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 0, 176) }
```

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

```
.background{ background-color: rgb(255, 0,  
176) }
```

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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