

Converting Colors

HunterLab(50.0436, 97.9345,
-62.4930)

Have a look what the booklet for
HunterLab(50.0436, 97.9345,
-62.4930) contains.

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Color

**HunterLab(49.9917, 97.8428,
-62.5055)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F200ED |
| RGB | 242, 0, 237 |
| RGB Percent | 95%, 0%, 93% |
| CMY | 0.0510, 0.9998, 0.0706 |
| CMYK | 0.00, 1.00, 0.02, 0.05 |
| HSL | 301°, 100%, 47% |
| HSV | 301°, 100%, 95% |
| XYZ | 51.9041, 24.9917, 82.2091 |
| YIQ | 99.3760, 68.1550, 125.0110 |

Conversions

Conversions Part 2

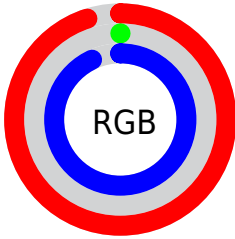
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 242, 0, 237 |
| Decimal | 15859949 |
| CIE Lab | 57.07, 93.74, -56.14 |
| CIE LCh | 57, 109.263, 329.084 |
| Yxy | 24.9929, 0.3262, 0.1571 |
| Android (android.graphics.Color) | 4294050029 (0xFFFF200ED) |
| YUV | 99.3760, 67.8486, 125.0812 |
| Hunter-Lab | 49.9917, 97.8428, -62.5055 |

Details

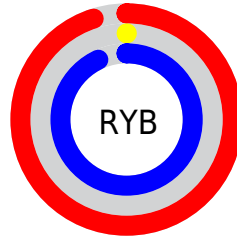
The HunterLab color **49.9917, 97.8428, -62.5055** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **79.6973, -68.2900, 47.8058**, and the grayscale version is **35.2087, -1.8786, 1.9130**.

A 20% lighter version of the original color is **61.6301, 77.6309, -51.6802**, and **36.2202, 71.1259, -47.1188** is the 20% darker color. If you saturate the color by 10%, you get **49.9919, 97.8431, -62.5045**, and if you desaturate by 10%, it is **50.6799, 95.5496, -61.2804**.

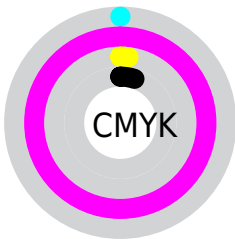
Distribution



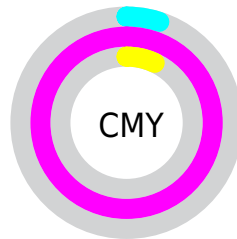
- Red (95%)
- Green (0%)
- Blue (93%)



- Red (95%)
- Yellow (0%)
- Blue (93%)



- Cyan (0%)
- Magenta (100%)
- Yellow (2%)
- Black (5%)



- Cyan (5%)
- Magenta (100%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9917, 97.8428, -62.5055 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 49.9917, 97.8428, -62.5055 by changing the saturation by 10% instead.

49.9917, 97.8428,
-62.5055

49.9917, 97.8428,
-62.5055

166.6741,
119.9945, -69.1052

40.0896, 95.2697,
-62.1546

71.8649, 103.1615,
-63.8007

30.9434, 92.9511,
-62.2558

83.7533, 105.7868,
-64.5734

22.6231, 91.2366,
-63.2429

96.2333, 108.3509,
-65.3688

15.2207, 90.9865,
-66.1522

109.2781,
110.8414, -66.1635

8.8460, 95.1191,
-74.2894

122.8643,
113.2525, -66.9425

0.0000, INF, -NF

0.0000, NaN, -NF

136.9711,

115.5816, -67.6961

0.0000, NaN, NaN

151.5799,
117.8286, -68.4183

■ 49.9917, 97.8428,
-62.5055

■ 49.9917, 97.8428,
-62.5055

■ 49.9919, 97.8431,
-62.5045

■ 50.6799, 95.5496,
-61.2804

■ 52.1544, 90.5562,
-58.2339

■ 54.5878, 82.6319,
-53.1932

■ 57.9912, 72.2984,
-46.4916

■ 62.3091, 60.3094,
-38.6243

■ 67.4491, 47.3913,
-30.0754

■ 73.3073, 34.1039,
-21.2228

■ 79.7830, 20.8142,
-12.3184

■ 86.7870, 7.7304,
-3.5085

Harmonies

Analogous

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



49.9929, 47.8828, -140.3381



49.9917, 97.8428, -62.5055



49.9929, 119.7504, 1.3604

Triad

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



49.9929, 97.8400, -62.5030



49.9929, -1.2515, 34.9950



49.9929, -58.7895, -57.7253

Complementary

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



49.9917, 97.8428, -62.5055



79.6973, -68.2900, 47.8058

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.



49.9929, -63.8573, 4.0448



49.9917, 97.8428, -62.5055



49.9929, -38.7507, 34.7539

Square

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



49.9929, 97.8400, -62.5030



49.9929, 51.2477, 34.6091



49.9929, -58.0990, 29.4956



49.9929, -40.4203, -136.2231

Rectangle

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



49.9917, 97.8428, -62.5055



49.9929, 111.0929, 23.1273



49.9929, -58.0990, 29.4956



49.9929, -61.7318, -33.2562

Sweetspot

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



49.9929, 97.8400, -62.5030



77.7295, 36.3352, -22.6179



25.3734, 68.7090, -179.4581



34.7067, 19.5770, -12.3105

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.9929, 97.8400, -62.5030



53.0520, 103.8309, -66.3203



44.9027, 79.7517, 6.8475



40.0318, 3.2467, -1.4063



36.6447, 71.7258, -45.8596



10.5778, 20.7170, -13.3367

Inverse Universe

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



49.9929, 97.8400, -62.5030



53.0520, 103.8309, -66.3203



80.6148, -62.5631, 34.2962



40.0318, 3.2467, -1.4063



36.6447, 71.7258, -45.8596



10.5778, 20.7170, -13.3367

Previews

White Background



This preview shows how the HunterLab color 49.9917, 97.8428, -62.5055 looks on a white background.

Color Contrast Check

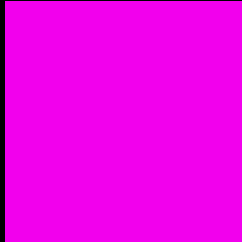
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.9917, 97.8428, -62.5055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

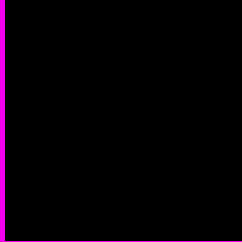
Any Text WCAG AA ✓ Pass

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 49.9917, 97.8428, -62.5055 Background



This preview shows how black text looks on a background with the HunterLab color 49.9917, 97.8428, -62.5055.



This preview shows how white text looks on a background with the HunterLab color 49.9917, 97.8428, -62.5055.

-62.5055.

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

49.9917, 97.8428, -62.5055

Protanopia

50.7208, 14.7018, -79.0801

Deuteranopia

50.5761, 4.7803, -50.5918



Tritanopia

50.0604, 47.3380, 17.6950

Trichromacy



Original Color

49.9917, 97.8428, -62.5055

Protanomaly

42.9246, 50.3985, -95.3332

Deuteranomaly

43.0235, 45.0060, -73.8511

Tritanomaly

47.3853, 68.7630, -5.1748

Monochromacy



Original Color

49.9917, 97.8428, -62.5055

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

35.0774, 40.2104, -25.7420

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9917, 97.8428, -62.5055 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(242, 0, 237)` looks like.

```
.text, #text, p{  
    color:rgb(242, 0, 237)  
}
```

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(242, 0, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 0, 237) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9917, 97.8428, -62.5055 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(242, 0, 237) }
```


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

```
.border{ border-color:rgb(242, 0, 237) }
```

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

Here you see how a box with a 4 pixel rgb(242, 0, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 0, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 0, 237);  
box-shadow:4px 4px 4px 4px rgb(242, 0,  
237) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9917, 97.8428, -62.5055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 0, 237) }
```

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

```
.background{ background-color: rgb(242, 0,  
237) }
```

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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