

Converting Colors

HunterLab(49.3299, 90.7111,
-16.4346)

Have a look what the booklet for
HunterLab(49.3299, 90.7111,
-16.4346) contains.

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Color

**HunterLab(49.3112, 90.6442,
-16.1756)**

Conversions

Conversions Part 1

Format	Color
Hex	FF00AE
RGB	255, 0, 174
RGB Percent	100%, 0%, 68%
CMY	0.0000, 0.9998, 0.3176
CMYK	0.00, 1.00, 0.32, 0.00
HSL	319°, 100%, 50%
HSV	319°, 100%, 100%
XYZ	48.8799, 24.3159, 42.1615
YIQ	96.0810, 96.1260, 108.1740

Conversions

Conversions Part 2

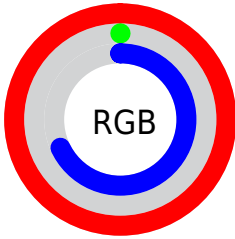
Format	Color
RYB	255, 0, 174
Decimal	16711854
CIELab	56.40, 88.51, -20.94
CIELCh	56, 90.949, 346.689
Yxy	24.3173, 0.4237, 0.2108
Android (android.graphics.Color)	4294901934 (0xFFFF00AE)
YUV	96.0810, 38.4141, 139.3720
Hunter-Lab	49.3112, 90.6442, -16.1756

Details

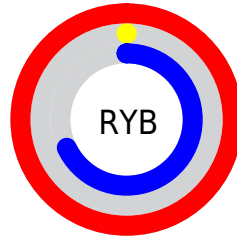
The HunterLab color **49.3112, 90.6442, -16.1756** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **84.9208, -70.3172, 45.6536**, and the grayscale version is **34.0798, -1.8184, 1.8516**.

A 20% lighter version of the original color is **60.2333, 72.9236, -35.2983**, and **35.6622, 64.9435, -6.9622** is the 20% darker color. If you saturate the color by 10%, you get **49.3105, 90.6415, -16.1654**, and if you desaturate by 10%, it is **50.3597, 89.2859, -19.5744**.

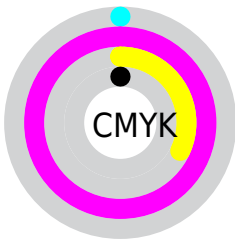
Distribution



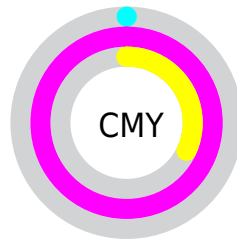
- Red (100%)
- Green (0%)
- Blue (68%)



- Red (100%)
- Yellow (0%)
- Blue (68%)



- Cyan (0%)
- Magenta (100%)
- Yellow (32%)
- Black (0%)



- Cyan (0%)
- Magenta (100%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.3112, 90.6442, -16.1756 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 49.3112, 90.6442, -16.1756 by changing the saturation by 10% instead.

49.3112, 90.6442,
-16.1756

49.3112, 90.6442,
-16.1756

165.6565,
111.8015, -16.8152

39.4578, 88.1018,
-15.8076

71.0967, 95.8059,
-16.7113

30.3641, 85.7602,
-15.3793

82.9447, 98.3285,
-16.8865

22.1016, 83.9265,
-14.9039

95.3863, 100.7803,
-17.0033

14.7643, 83.3768,
-14.4327

108.3944,
103.1522, -17.0649

8.4200, 87.4524,
-14.3632

121.9453,
105.4405, -17.0743

0.0000, INF, -NF

0.0000, INF, NaN

136.0181,

107.6441, -17.0342

0.0000, NaN, NaN

150.5941,
109.7638, -16.9470

0.0000, NaN, NaN

■ 49.3112, 90.6442,
-16.1756

■ 49.3112, 90.6442,
-16.1756

■ 49.3105, 90.6415,
-16.1654

■ 50.3597, 89.2859,
-19.5744

■ 52.3063, 85.0417,
-21.6323

■ 55.3151, 77.7499,
-22.0175

■ 59.3721, 68.0305,
-20.7956

■ 64.3931, 56.6961,
-18.2199

70.2628, 44.4764,
-14.6038

76.8617, 31.9009,
-10.2338

84.0803, 19.2995,
-5.3355

91.8254, 6.8511,
-0.0716

Harmonies

Analogous

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



49.3126, 62.6723, -72.8724



49.3112, 90.6442, -16.1756



49.3126, 88.8076, 18.7766

Triad

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



49.3126, 90.6396, -16.1737



49.3126, -21.9299, 33.6673



49.3126, -43.4463, -79.5276

Complementary

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



49.3112, 90.6442, -16.1756



84.9208, -70.3172, 45.6536

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.



49.3126, -54.9590, -21.7692



49.3112, 90.6442, -16.1756



49.3126, -45.3682, 30.5339

Square

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



49.3126, 90.6396, -16.1737



49.3126, 15.3624, 33.7839



49.3126, -55.5352, 16.1675



49.3126, -18.3701, -124.3777

Rectangle

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



49.3112, 90.6442, -16.1756



49.3126, 70.7948, 28.7859



49.3126, -55.5352, 16.1675



49.3126, -48.6487, -59.6090

Sweetspot

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



49.3126, 90.6396, -16.1737



76.8456, 31.9303, -10.2447



29.9356, 75.3722, -167.6132



34.2277, 17.2338, -5.6269

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.3126, 90.6396, -16.1737



49.3105, 90.6415, -16.1654



46.3302, 79.7743, 26.5307



42.6572, 2.9002, 0.0851



35.6842, 65.6633, -12.2367



11.2236, 20.8074, -5.0464

Inverse Universe

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



49.3126, 90.6396, -16.1737



49.3105, 90.6415, -16.1654



87.2280, -56.1058, 12.0913



42.6572, 2.9002, 0.0851



35.6842, 65.6633, -12.2367



11.2236, 20.8074, -5.0464

Previews

White Background



This preview shows how the HunterLab color 49.3112, 90.6442, -16.1756 looks on a white background.

Color Contrast Check

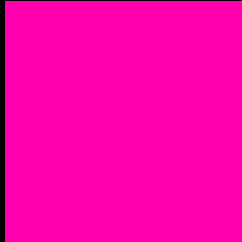
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.3112, 90.6442, -16.1756 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 49.3112, 90.6442, -16.1756 Background



This preview shows how black text looks on a background with the HunterLab color 49.3112, 90.6442, -16.1756.



This preview shows how white text looks on a background with the HunterLab color 49.3112, 90.6442, -16.1756.

-16.1756.

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

49.3112, 90.6442, -16.1756

Protanopia

50.2572, 13.7682, -73.5591

Deuteranopia

49.7012, 3.6200, -10.0882



Tritanopia

49.6796, 64.0011, 24.4159

Trichromacy



Original Color

49.3112, 90.6442, -16.1756



Protanomaly

42.0080, 44.6186, -69.8826



Deuteranomaly

43.5356, 42.5261, -21.5606



Tritanomaly

48.3888, 75.5815, 13.4127

Monochromacy



Original Color

49.3112, 90.6442, -16.1756



Achromatopsia

34.2010, -1.8249, 1.8582



Achromatomaly

34.1508, 37.6289, -11.4035

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.3112, 90.6442, -16.1756 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, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 174)  
}
```

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, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 174) }
```

Border

The CSS property to change the border of an element to HunterLab 49.3112, 90.6442, -16.1756 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, 174) }
```


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

```
.border{ border-color:rgb(255, 0, 174) }
```

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, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 0,  
174) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.3112, 90.6442, -16.1756 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, 174) }
```

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

```
.background{ background-color: rgb(255, 0,  
174) }
```

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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