

Converting Colors

HunterLab(49.0190, 87.7696,
-49.0500)

Have a look what the booklet for
HunterLab(49.0190, 87.7696,
-49.0500) contains.

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Color

**HunterLab(49.0290, 87.7809,
-49.2955)**

Conversions

Conversions Part 1

Format	Color
Hex	EB24DB
RGB	235, 36, 219
RGB Percent	92%, 14%, 86%
CMY	0.0784, 0.8588, 0.1412
CMYK	0.00, 0.85, 0.07, 0.08
HSL	305°, 83%, 53%
HSV	305°, 85%, 92%
XYZ	47.6781, 24.0384, 69.1449
YIQ	116.3630, 59.8610, 99.1010

Conversions

Conversions Part 2

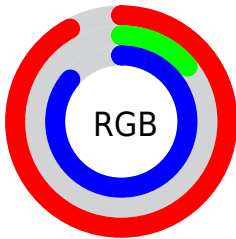
Format	Color
R _Y B	235, 36, 219
Decimal	15410395
CIE Lab	56.13, 86.39, -47.55
CIE LCh	56, 98.611, 331.170
Yxy	24.0396, 0.3385, 0.1707
Android (android.graphics.Color)	4293600475 (0xFFEB24DB)
YUV	116.3630, 50.6000, 104.0446
Hunter-Lab	49.0290, 87.7809, -49.2955

Details

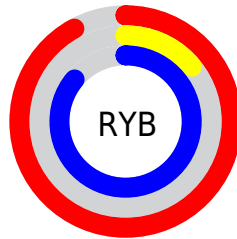
The HunterLab color $49.0290, 87.7809, -49.2955$ is a light color, and the websafe version is hex `CC00CC`. The color can be described as light washed magenta. A complement of this color would be $77.4860, -64.0563, 44.1377$, and the grayscale version is $41.7290, -2.2266, 2.2672$.

A 20% lighter version of the original color is $62.9538, 73.7523, -49.0187$, and $34.2904, 66.4347, -37.6197$ is the 20% darker color. If you saturate the color by 10%, you get $47.9098, 91.0369, -50.2166$, and if you desaturate by 10%, it is $51.0472, 81.6187, -46.4794$.

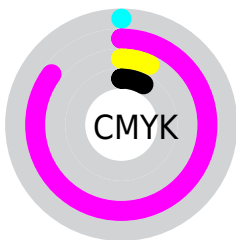
Distribution



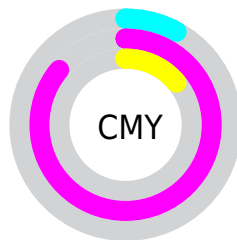
- Red (92%)
- Green (14%)
- Blue (86%)



- Red (92%)
- Yellow (14%)
- Blue (86%)



- Cyan (0%)
- Magenta (85%)
- Yellow (7%)
- Black (8%)





- Cyan (8%)
- Magenta (86%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 49.0290, 87.7809, -49.2955 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 49.0290, 87.7809, -49.2955 by changing the saturation by 10% instead.


 49.0290, 87.7809,
-49.2955


 49.0290, 87.7809,
-49.2955

165.2333,
108.5204, -55.2279


 39.1957, 85.2577,
-48.7373


 70.7777, 92.8752,
-50.6930


 30.1240, 82.9121,
-48.4388


 82.6088, 95.3538,
-51.4263


 21.8857, 81.0373,
-48.6883

 95.0344, 97.7582,
-52.1460

 14.5756, 80.3760,
-50.1942

 108.0271,
100.0803, -52.8390

 8.2362, 84.5503,
-55.9077

 121.5633,
102.3173, -53.4973

0.0000, INF, -NF

135.6219,

0.0000, NaN, -NF

104.4687, -54.1164

0.0000, NaN, NaN

150.1842,
106.5357, -54.6937

■ 49.0290, 87.7809,
-49.2955

■ 49.0290, 87.7809,
-49.2955

■ 47.9098, 91.0369,
-50.2166

■ 51.0472, 81.6187,
-46.4794

■ 47.5664, 91.8931,
-50.1470

■ 54.0066, 72.8792,
-41.9164

■ 57.8752, 62.2265,
-35.9819

■ 62.5729, 50.3912,
-29.1191

■ 68.0005, 37.9818,
-21.7156

74.0577, 25.4221,
-14.0554

80.6535, 12.9673,
-6.3218

87.7097, 0.7494,
1.3798

95.1615, -11.1787,
8.9957

Harmonies

Analogous

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



49.0302, 45.4439, -115.3564



49.0290, 87.7809, -49.2955



49.0302, 104.2676, 4.1819

Triad

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



49.0302, 87.7780, -49.2932



49.0302, -4.2249, 34.3211



49.0302, -53.6278, -54.4871

Complementary

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



49.0290, 87.7809, -49.2955



77.4860, -64.0563, 44.1377

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.



49.0302, -59.3132, 1.1060



49.0290, 87.7809, -49.2955



49.0302, -37.2298, 33.2731

Square

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



49.0302, 87.7780, -49.2932



49.0302, 41.6856, 33.4433



49.0302, -54.4784, 26.8638



49.0302, -35.2473, -119.7308

Rectangle

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



49.0290, 87.7809, -49.2955



49.0302, 95.1778, 22.8178



49.0302, -54.4784, 26.8638



49.0302, -56.7513, -33.0545

Sweetspot

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



49.0302, 87.7780, -49.2932



80.9475, 28.4920, -15.7904



28.1441, 57.9790, -147.2222



36.3359, 15.4311, -8.6848

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.0302, 87.7780, -49.2932



52.1814, 100.8009, -54.9518



45.0957, 73.1608, 4.7570



39.1045, 3.0478, -1.0679



35.4980, 68.5979, -37.5771



9.9784, 19.3313, -10.9390

Inverse Universe

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



49.0302, 87.7780, -49.2932



52.1814, 100.8009, -54.9518



78.7118, -56.4607, 26.1667



39.1045, 3.0478, -1.0679



35.4980, 68.5979, -37.5771



9.9784, 19.3313, -10.9390

Previews

White Background



This preview shows how the HunterLab color 49.0290, 87.7809, -49.2955 looks on a white background.

Color Contrast Check

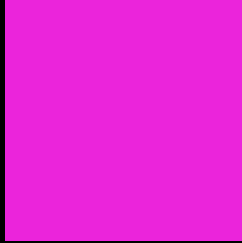
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.0290, 87.7809, -49.2955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

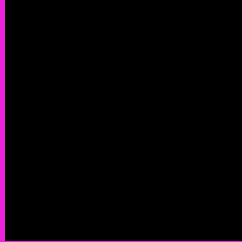
Any Text WCAG AA ✓ Pass

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 49.0290, 87.7809, -49.2955 Background



This preview shows how black text looks on a background with the HunterLab color 49.0290, 87.7809, -49.2955.



This preview shows how white text looks on a background with the HunterLab color 49.0290, 87.7809, -49.2955.

-49.2955.

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

49.0290, 87.7809, -49.2955

Protanopia

49.5746, 15.3090, -82.3329

Deuteranopia

49.4909, 3.7757, -39.3919



Tritanopia

49.0237, 46.4903, 17.3445

Trichromacy



Original Color

49.0290, 87.7809, -49.2955



Protanomaly

43.9188, 40.8542, -85.6276



Deuteranomaly

44.7397, 35.8687, -53.4745



Tritanomaly

47.7079, 61.4557, -0.8437

Monochromacy



Original Color

49.0290, 87.7809, -49.2955



Achromatopsia

41.7908, -2.2299, 2.2706



Achromatomaly

40.6045, 32.0565, -18.4241

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.0290, 87.7809, -49.2955 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(235, 36, 219)` looks like.

```
.text, #text, p{  
    color:rgb(235, 36, 219)  
}
```

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(235, 36, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 36, 219) }
```

Border

The CSS property to change the border of an element to HunterLab 49.0290, 87.7809, -49.2955 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(235, 36, 219) }
```


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

```
.border{ border-color:rgb(235, 36, 219) }
```

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

Here you see how a box with a 4 pixel rgb(235, 36, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 36, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 36, 219);  
box-shadow:4px 4px 4px 4px rgb(235, 36,  
219) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.0290, 87.7809, -49.2955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 36, 219) }
```

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

```
.background{ background-color: rgb(235, 36,  
219) }
```

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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