

Converting Colors

HunterLab(49.0751, 89.7962,
-12.8896)

Have a look what the booklet for
HunterLab(49.0751, 89.7962,
-12.8896) contains.

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Color

**HunterLab(49.0787, 89.8090,
-12.9393)**

Conversions

Conversions Part 1

Format	Color
Hex	FF00A8
RGB	255, 0, 168
RGB Percent	100%, 0%, 66%
CMY	0.0000, 0.9998, 0.3412
CMYK	0.00, 1.00, 0.34, 0.00
HSL	320°, 100%, 50%
HSV	320°, 100%, 100%
XYZ	48.3079, 24.0872, 39.1491
YIQ	95.3970, 98.0520, 106.3080

Conversions

Conversions Part 2

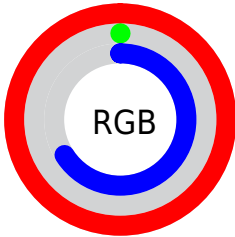
Format	Color
RYB	255, 0, 168
Decimal	16711848
CIELab	56.18, 87.92, -17.78
CIElCh	56, 89.698, 348.570
Yxy	24.0885, 0.4331, 0.2160
Android (android.graphics.Color)	4294901928 (0xFFFF00A8)
YUV	95.3970, 35.7933, 139.9718
Hunter-Lab	49.0787, 89.8090, -12.9393

Details

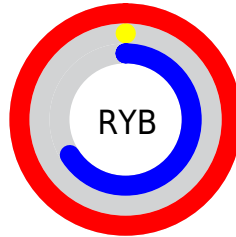
The HunterLab color **49.0787, 89.8090, -12.9393** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **84.9762, -69.9708, 44.8366**, and the grayscale version is **33.8344, -1.8053, 1.8383**.

A 20% lighter version of the original color is **59.9125, 71.5690, -30.9159**, and **35.3092, 64.0392, -4.8663** is the 20% darker color. If you saturate the color by 10%, you get **49.0779, 89.8062, -12.9284**, and if you desaturate by 10%, it is **50.1418, 88.4883, -16.5540**.

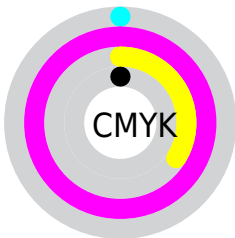
Distribution



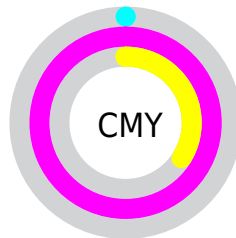
- Red (100%)
- Green (0%)
- Blue (66%)



- Red (100%)
- Yellow (0%)
- Blue (66%)



- Cyan (0%)
- Magenta (100%)
- Yellow (34%)
- Black (0%)



- Cyan (0%)
- Magenta (100%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.0787, 89.8090, -12.9393 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 49.0787, 89.8090, -12.9393 by changing the saturation by 10% instead.

49.0787, 89.8090,
-12.9393

49.0787, 89.8090,
-12.9393

165.3081,
110.8599, -12.6753

39.2419, 87.2726,
-12.6707

70.8340, 94.9523,
-13.2680

30.1664, 84.9342,
-12.3332

82.6682, 97.4638,
-13.3395

21.9238, 83.1003,
-11.9293

95.0965, 99.9037,
-13.3535

14.6089, 82.5495,
-11.4850

108.0920,
102.2632, -13.3137

8.2689, 86.9603,
-11.3593

121.6308,
104.5386, -13.2233

0.0000, INF, -NF

0.0000, INF, NaN

135.6919,

106.7291, -13.0851

0.0000, NaN, NaN

150.2566,
108.8355, -12.9017

0.0000, NaN, NaN

■ 49.0787, 89.8090,
-12.9393

■ 49.0787, 89.8090,
-12.9393

■ 49.0779, 89.8062,
-12.9284

■ 50.1418, 88.4883,
-16.5540

■ 52.1085, 84.2881,
-18.8952

■ 55.1420, 77.0514,
-19.6186

■ 59.2263, 67.4032,
-18.7661

■ 64.2752, 56.1566,
-16.5691

70.1721, 44.0375,
-13.3241

76.7966, 31.5704,
-9.3078

84.0390, 19.0803,
-4.7411

91.8060, 6.7425,
0.2144

Harmonies

Analogous

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



49.0800, 63.8947, -67.7258



49.0787, 89.8090, -12.9393



49.0800, 86.0126, 19.8657

Triad

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



49.0800, 89.8042, -12.9375



49.0800, -23.5170, 33.3571



49.0800, -41.7658, -81.4615

Complementary

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



49.0787, 89.8090, -12.9393



84.9762, -69.9708, 44.8366

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.



49.0800, -53.9356, -24.5399



49.0787, 89.8090, -12.9393



49.0800, -45.7903, 29.8222

Square

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



49.0800, 89.8042, -12.9375



49.0800, 12.4824, 33.6013



49.0800, -55.1460, 14.4019



49.0800, -16.0943, -123.1038

Rectangle

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



49.0787, 89.8090, -12.9393



49.0800, 67.3380, 29.0672



49.0800, -55.1460, 14.4019



49.0800, -47.1931, -62.1181

Sweetspot

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



49.0800, 89.8042, -12.9375



76.7798, 31.6006, -9.3183



30.2565, 75.6657, -165.4228



34.1923, 17.0598, -5.1305

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.0800, 89.8042, -12.9375



49.0779, 89.8062, -12.9284



46.2952, 79.6442, 27.0491



42.6484, 2.8528, 0.2107



35.5173, 65.0644, -9.9170



11.1748, 20.6327, -4.3725

Inverse Universe

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



49.0800, 89.8042, -12.9375



49.0779, 89.8062, -12.9284



87.3497, -55.3682, 10.3472



42.6484, 2.8528, 0.2107



35.5173, 65.0644, -9.9170



11.1748, 20.6327, -4.3725

Previews

White Background



This preview shows how the HunterLab color 49.0787, 89.8090, -12.9393 looks on a white background.

Color Contrast Check

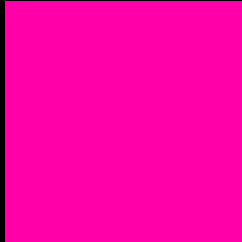
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.0787, 89.8090, -12.9393 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 49.0787, 89.8090, -12.9393 Background



This preview shows how black text looks on a background with the HunterLab color 49.0787, 89.8090, -12.9393.



This preview shows how white text looks on a background with the HunterLab color 49.0787, 89.8090, -12.9393.

-12.9393.

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

49.0787, 89.8090, -12.9393

Protanopia

50.0447, 12.1263, -66.6180

Deuteranopia

49.6974, 3.2567, -7.3749



Tritanopia

49.4630, 65.3301, 24.8737

Trichromacy



Original Color

49.0787, 89.8090, -12.9393



Protanomaly

41.8988, 43.4882, -63.4457



Deuteranomaly

43.4672, 41.9446, -18.4736



Tritanomaly

48.1509, 75.7395, 14.5400

Monochromacy



Original Color

49.0787, 89.8090, -12.9393



Achromatopsia

33.8283, -1.8050, 1.8380



Achromatomaly

33.7775, 37.4156, -10.8509

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.0787, 89.8090, -12.9393 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, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 168)  
}
```

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, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 168) }
```

Border

The CSS property to change the border of an element to HunterLab 49.0787, 89.8090, -12.9393 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, 168) }
```


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

```
.border{ border-color:rgb(255, 0, 168) }
```

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, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 0,  
168) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.0787, 89.8090, -12.9393 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, 168) }
```

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

```
.background{ background-color: rgb(255, 0,  
168) }
```

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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