

# Converting Colors

HunterLab(43.9009, 48.1183,  
-89.8590)

Have a look what the booklet for  
HunterLab(43.9009, 48.1183,  
-89.8590) contains.

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# Color

**HunterLab(43.8199, 48.3231,  
-90.1221)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8A59F6
RGB	138, 89, 246
RGB Percent	54%, 35%, 96%
CMY	0.4588, 0.6510, 0.0353
CMYK	0.44, 0.64, 0.00, 0.04
HSL	259°, 90%, 66%
HSV	259°, 64%, 96%
XYZ	30.6881, 19.2018, 89.2776
YIQ	121.5490, -21.1930, 59.2150

# Conversions

## Conversions Part 2

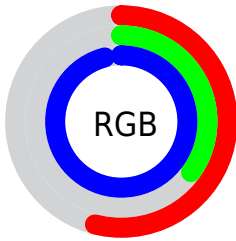
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 89, 246
Decimal	9066998
CIE <sub>Lab</sub>	50.92, 54.56, -71.81
CIE <sub>LCh</sub>	51, 90.183, 307.226
Yxy	19.2024, 0.2205, 0.1380
Android (android.graphics.Color)	4287257078 (0xFF8A59F6)
YUV	121.5490, 61.3543, 14.4275
Hunter-Lab	43.8199, 48.3231, -90.1221

# Details

The HunterLab color **43.8199, 48.3231, -90.1221** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **88.6019, -38.6396, 47.5950**, and the grayscale version is **43.7157, -2.3326, 2.3752**.

A 20% lighter version of the original color is **61.8672, 38.4846, -51.8706**, and **25.7646, 44.5549, -94.1343** is the 20% darker color. If you saturate the color by 10%, you get **37.9960, 57.4719, -111.6332**, and if you desaturate by 10%, it is **50.5568, 39.0201, -70.4142**.

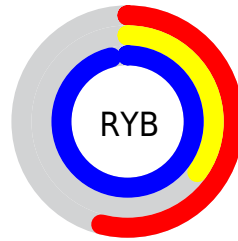
# Distribution



Red (54%)

Green (35%)

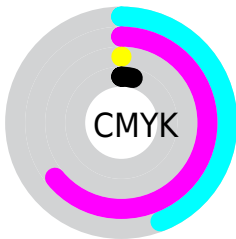
Blue (96%)



Red (54%)

Yellow (35%)

Blue (96%)

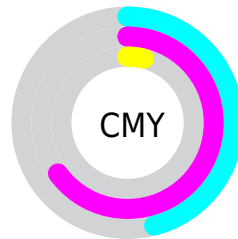


Cyan (44%)

Magenta (64%)

Yellow (0%)

Black (4%)



Cyan (46%)

Magenta (65%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 43.8199, 48.3231, -90.1221 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 43.8199, 48.3231, -90.1221 by changing the saturation by 10% instead.



43.8199, 48.3231,  
-90.1221

43.8199, 48.3231,  
-90.1221

157.3417, 61.5408,  
-95.6776

34.3753, 46.3599,  
-91.1730

64.8659, 51.9506,  
-90.1111

25.7273, 44.3325,  
-93.6949

76.3756, 53.6038,  
-90.6303

17.9582, 42.3420,  
-99.1455

88.4955, 55.1539,  
-91.3247

11.1816, 40.7080,  
-111.4380

101.1962, 56.6060,  
-92.1248

3.1970, 82.4052,  
-257.7249

114.4523, 57.9655,  
-92.9856

0.0000, INF, -NF

0.0000, NaN, -NF

128.2415, 59.2379,

-93.8773

0.0000, NaN, -NF

142.5439, 60.4281,  
-94.7793

0.0000, NaN, -NF

■ 43.8199, 48.3231,  
-90.1221

■ 43.8199, 48.3231,  
-90.1221

■ 37.9960, 57.4719,  
-111.6332

■ 50.5568, 39.0201,  
-70.4142

■ 33.3328, 65.4471,  
-133.4005

■ 58.0017, 30.0042,  
-52.8600

■ 30.0649, 70.6488,  
-152.1801

■ 66.0053, 21.3992,  
-37.2718

■ 28.6751, 72.3106,  
-161.3407

■ 74.4598, 13.1914,  
-23.3133

■ 83.2874, 5.3214,  
-10.6530

■ 92.4313, -2.2775,  
0.9885

■ 99.7165, -6.8910,  
9.4828

# Harmonies

## Analogous

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



43.8206, 6.7796, -127.6301



43.8199, 48.3231, -90.1221



43.8206, 82.2662, -31.8435

# Triad

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



43.8206, 48.3238, -90.1204



43.8206, 28.0499, 30.2349



43.8206, -52.2790, -6.8051

# Complementary

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



43.8199, 48.3231, -90.1221



88.6019, -38.6396, 47.5950

# 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.



43.8206, -49.8810, 21.0769



43.8199, 48.3231, -90.1221



43.8206, -10.7708, 30.6744

# Square

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



43.8206, 48.3238, -90.1204



43.8206, 68.1501, 26.5299



43.8206, -37.0485, 29.1507



43.8206, -45.1880, -59.7064



# Rectangle

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



43.8199, 48.3231, -90.1221



43.8206, 91.3192, -0.9480



43.8206, -37.0485, 29.1507



43.8206, -52.5029, 5.4757

# Sweetspot

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



43.8206, 48.3238, -90.1204



81.9182, 9.7792, -17.8256



70.4123, -18.8904, -30.3598



36.6875, 5.6179, -10.0206

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



43.8206, 48.3238, -90.1204



37.8161, 62.8390, -123.9286



53.0900, 68.8632, -63.4521



40.2214, 0.9205, -2.5331



21.1049, 52.9704, -116.8071



6.6612, 16.0934, -32.0200



# Inverse Universe

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



55.4697, 69.1566, -21.0683



53.1359, 83.3474, -22.5610



84.0565, -56.7184, 44.1356



40.8351, 2.7646, 0.0623



34.6665, 63.8666, -12.4764

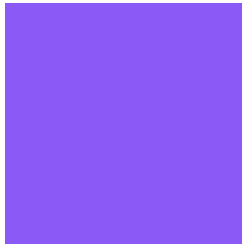


10.3668, 19.2538, -4.9323



# Previews

## White Background



This preview shows how the HunterLab color 43.8199, 48.3231, -90.1221 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

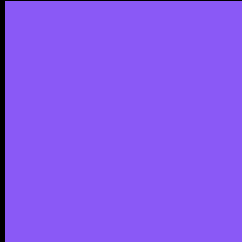
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 43.8199, 48.3231, -90.1221 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

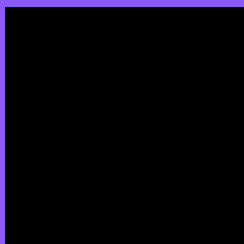
Any Text WCAG AA ✓ Pass

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 43.8199, 48.3231, -90.1221 Background



This preview shows how black text looks on a background with the HunterLab color 43.8199, 48.3231, -90.1221.



This preview shows how white text looks on a background with the HunterLab color 43.8199, 48.3231, -90.1221.

-90.1221.

# 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

43.8199, 48.3231, -90.1221

### Protanopia

44.0885, 16.5710, -90.8789

### Deuteranopia

43.9563, 2.1549, -59.5934



## Tritanopia

43.7571, -4.4595, -2.6941

# Trichromacy



## Original Color

43.8199, 48.3231, -90.1221



## Protanomaly

42.3189, 24.4805, -96.7792



## Deuteranomaly

41.8784, 15.0597, -75.7977



## Tritanomaly

42.8708, 12.3007, -28.0447

# Monochromacy



## Original Color

43.8199, 48.3231, -90.1221



## Achromatopsia

44.1155, -2.3539, 2.3969



## Achromatomaly

43.0477, 13.6229, -23.5890

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 43.8199, 48.3231, -90.1221 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(138, 89, 246)` looks like.

```
.text, #text, p{  
    color:rgb(138, 89, 246)  
}
```

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(138, 89, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 89, 246) }
```

## Border

The CSS property to change the border of an element to HunterLab 43.8199, 48.3231, -90.1221 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(138, 89, 246) }
```



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

```
.border{ border-color:rgb(138, 89, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 89, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 89, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 89, 246);  
box-shadow:4px 4px 4px 4px rgb(138, 89,  
246) }
```

# Background

The CSS property to change the background color of an element to HunterLab 43.8199, 48.3231, -90.1221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 89, 246) }
```

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

```
.background{ background-color: rgb(138, 89,  
246) }
```

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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