

Converting Colors

HunterLab(39.9329, 64.7175,
-87.6669)

Have a look what the booklet for
HunterLab(39.9329, 64.7175,
-87.6669) contains.

HunterLab(39.9044, 64.7216, -87.7098)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**HunterLab(39.9044, 64.7216,
-87.7098)**

Conversions

Conversions Part 1

Format	Color
Hex	9E38E8
RGB	158, 56, 232
RGB Percent	62%, 22%, 91%
CMY	0.3804, 0.7804, 0.0902
CMYK	0.32, 0.76, 0.00, 0.09
HSL	275°, 79%, 56%
HSV	275°, 76%, 91%
XYZ	30.0802, 15.9236, 77.8320
YIQ	106.5620, 4.2960, 76.3600

Conversions

Conversions Part 2

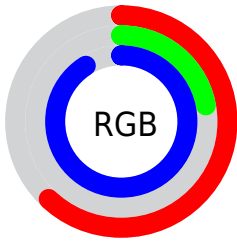
Format	Color
R_{YB}	158, 56, 232
Decimal	10369256
CIE _{Lab}	46.87, 69.73, -70.42
CIE _{LCh}	47, 99.100, 314.716
Yxy	15.9242, 0.2429, 0.1286
Android (android.graphics.Color)	4288559336 (0xFF9E38E8)
YUV	106.5620, 61.8409, 45.1111
Hunter-Lab	39.9044, 64.7216, -87.7098

Details

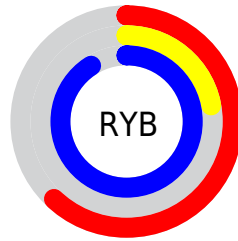
The HunterLab color **39.9044, 64.7216, -87.7098** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **79.2115, -51.2393, 45.1121**, and the grayscale version is **37.9499, -2.0249, 2.0619**.

A 20% lighter version of the original color is **58.2543, 60.0521, -59.3423**, and **23.9746, 53.9669, -84.5823** is the 20% darker color. If you saturate the color by 10%, you get **36.3622, 70.6833, -100.8386**, and if you desaturate by 10%, it is **44.4360, 56.6983, -73.4906**.

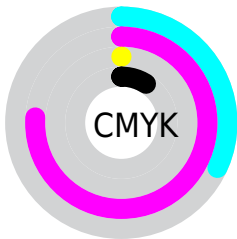
Distribution



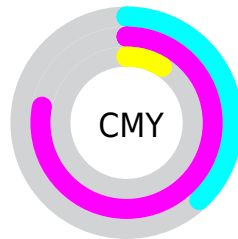
- Red (62%)
- Green (22%)
- Blue (91%)



- Red (62%)
- Yellow (22%)
- Blue (91%)



- Cyan (32%)
- Magenta (76%)
- Yellow (0%)
- Black (9%)



- Cyan (38%)
- Magenta (78%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.9044, 64.7216, -87.7098 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 39.9044, 64.7216, -87.7098 by changing the saturation by 10% instead.

39.9044, 64.7216,
-87.7098

39.9044, 64.7216,
-87.7098

151.2924, 82.3278,
-92.8269

30.7742, 62.4324,
-89.0856

60.3875, 69.2407,
-87.4255

22.4707, 60.2798,
-92.2701

71.6407, 71.3881,
-87.8856

15.0872, 58.6224,
-99.2628

83.5174, 73.4427,
-88.5431

8.7240, 58.9311,
-116.5400

95.9862, 75.4022,
-89.3193

0.0000, INF, -NF

0.0000, NaN, -NF

109.0203, 77.2674,
-90.1638

0.0000, NaN, -NF

122.5962, 79.0411,

0.0000, NaN, NaN

-91.0436

136.6931, 80.7266,
-91.9364

■ 39.9044, 64.7216,
-87.7098

■ 39.9044, 64.7216,
-87.7098

■ 36.3622, 70.6833,
-100.8386

■ 44.4360, 56.6983,
-73.4906

■ 33.8825, 73.6386,
-111.4252

■ 49.8151, 47.5707,
-59.3363

■ 33.0639, 74.2435,
-115.2262

■ 55.8969, 38.0082,
-45.8696

■ 62.5552, 28.3883,
-33.3160

■ 69.6886, 18.8900,
-21.6800

77.2183, 9.5791,
-10.8696

85.0837, 0.4643,
-0.7636

93.2379, -8.4709,
8.7572

98.4385, -12.2269,
14.4608

Harmonies

Analogous

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



39.9051, 18.5420, -144.3869



39.9044, 64.7216, -87.7098



39.9051, 97.7537, -21.3001

Triad

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



39.9051, 64.7217, -87.7079



39.9051, 19.3941, 27.9336



39.9051, -51.5544, -20.2656

Complementary

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



39.9044, 64.7216, -87.7098



79.2115, -51.2393, 45.1121

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.



39.9051, -51.4747, 16.6685



39.9044, 64.7216, -87.7098



39.9051, -19.2997, 27.9336

Square

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



39.9051, 64.7217, -87.7079



39.9051, 65.5463, 26.7813



39.9051, -42.0957, 26.8535



39.9051, -42.3819, -86.3655

Rectangle

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



39.9044, 64.7216, -87.7098



39.9051, 102.1381, 7.5552



39.9051, -42.0957, 26.8535



39.9051, -52.4520, -4.0841

Sweetspot

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



39.9051, 64.7217, -87.7079



79.8357, 18.1640, -20.7481



48.2103, 6.2854, -64.0727



35.5557, 10.1599, -11.6802

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



39.9051, 64.7217, -87.7079



38.7852, 80.9882, -119.3077



50.1656, 81.7477, -47.9021



37.8121, 1.7075, -1.9850



24.7887, 55.4992, -85.1265



7.1304, 15.5630, -21.3765

Inverse Universe

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



46.4716, 67.4093, 2.8717



48.2072, 82.1389, 9.0871



76.7908, -61.1089, 42.0585



38.0369, 2.0778, 1.3166



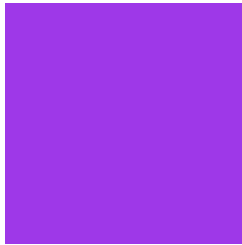
31.6748, 55.8499, 8.0191



8.7155, 15.5658, 0.6690

Previews

White Background



This preview shows how the HunterLab color 39.9044, 64.7216, -87.7098 looks on a white background.

Color Contrast Check

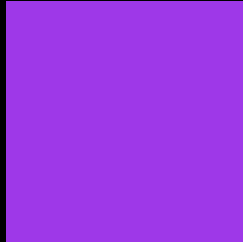
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 39.9044, 64.7216, -87.7098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

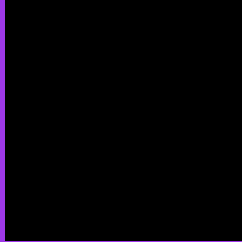
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 39.9044, 64.7216, -87.7098 Background



This preview shows how black text looks on a background with the HunterLab color 39.9044, 64.7216, -87.7098.



This preview shows how white text looks on a background with the HunterLab color 39.9044, 64.7216, -87.7098.

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

39.9044, 64.7216, -87.7098

Protanopia

40.0767, 15.0379, -82.5550

Tritanopia

39.8281, 9.7140, 2.7516

Trichromacy



Original Color

39.9044, 64.7216, -87.7098



Protanomaly

36.7511, 29.5223, -96.4280



Tritanomaly

38.4179, 28.4019, -23.0110

Monochromacy



Original Color

39.9044, 64.7216, -87.7098



Achromatopsia

38.3441, -2.0459, 2.0833



Achromatomaly

36.9893, 20.9804, -24.4554

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.9044, 64.7216, -87.7098 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(158, 56, 232)` looks like.

```
.text, #text, p{  
    color:rgb(158, 56, 232)  
}
```

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(158, 56, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 56, 232) }
```

Border

The CSS property to change the border of an element to HunterLab 39.9044, 64.7216, -87.7098 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(158, 56, 232) }
```

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

```
.border{ border-color:rgb(158, 56, 232) }
```

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

Here you see how a box with a 4 pixel rgb(158, 56, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 56, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 56, 232);  
box-shadow:4px 4px 4px 4px rgb(158, 56,  
232) }
```


Background

The CSS property to change the background color of an element to HunterLab 39.9044, 64.7216, -87.7098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 56, 232) }
```

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

```
.background{ background-color: rgb(158, 56,  
232) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor