

Converting Colors

HunterLab(49.7142, 84.7519,
-76.3009)

Have a look what the booklet for
HunterLab(49.7142, 84.7519,
-76.3009) contains.

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Color

**HunterLab(49.7569, 85.0947,
-76.6032)**

Conversions

Conversions Part 1

Format	Color
Hex	DB37FB
RGB	219, 55, 251
RGB Percent	86%, 22%, 98%
CMY	0.1412, 0.7843, 0.0157
CMYK	0.13, 0.78, 0.00, 0.02
HSL	290°, 96%, 60%
HSV	290°, 78%, 98%
XYZ	47.9922, 24.7575, 93.5160
YIQ	126.3800, 34.8280, 95.7240

Conversions

Conversions Part 2

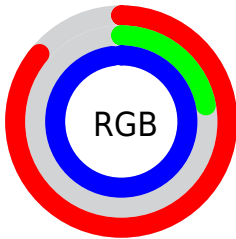
Format	Color
R _Y B	219, 55, 251
Decimal	14366715
CIE Lab	56.84, 84.19, -64.53
CIE LCh	57, 106.074, 322.533
Yxy	24.7585, 0.2886, 0.1489
Android (android.graphics.Color)	4292556795 (0xFFDB37FB)
YUV	126.3800, 61.4377, 81.2277
Hunter-Lab	49.7569, 85.0947, -76.6032

Details

The HunterLab color $49.7569, 85.0947, -76.6032$ is a light color, and the websafe version is hex $CC33FF$. The color can be described as light washed magenta. A complement of this color would be $84.4376, -65.0707, 48.3523$, and the grayscale version is $45.5848, -2.4323, 2.4767$.

A 20% lighter version of the original color is $64.7402, 68.6960, -45.5479$, and $33.4980, 68.8600, -67.4510$ is the 20% darker color. If you saturate the color by 10%, you get $47.2457, 90.6260, -83.8348$, and if you desaturate by 10%, it is $53.3123, 76.6295, -67.3084$.

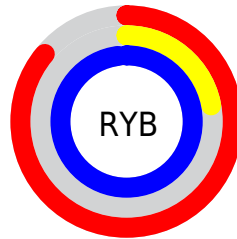
Distribution



Red (86%)

Green (22%)

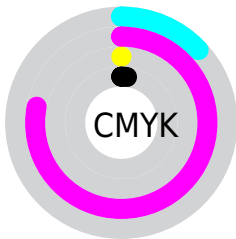
Blue (98%)



Red (86%)

Yellow (22%)

Blue (98%)

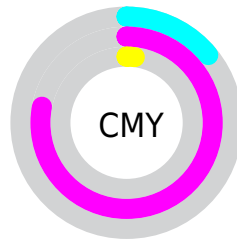


Cyan (13%)

Magenta (78%)

Yellow (0%)

Black (2%)



Cyan (14%)

Magenta (78%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.7569, 85.0947, -76.6032 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 49.7569, 85.0947, -76.6032 by changing the saturation by 10% instead.

49.7569, 85.0947,
-76.6032

49.7569, 85.0947,
-76.6032

166.3230,
105.3246, -83.2953

39.8713, 82.5866,
-76.6446

71.5997, 90.1083,
-77.5623

30.7432, 80.2159,
-77.4176

83.4742, 92.5325,
-78.2952

22.4428, 78.2382,
-79.5813

95.9410, 94.8780,
-79.1025

15.0628, 77.2941,
-84.7054

108.9731, 97.1387,
-79.9460

8.7015, 79.7966,
-97.9366

122.5472, 99.3128,
-80.8010

0.0000, INF, -NF

0.0000, NaN, -NF

136.6422,

101.4005, -81.6510

0.0000, NaN, -NF

151.2397,
103.4037, -82.4850

■ 49.7569, 85.0947,
-76.6032

■ 49.7569, 85.0947,
-76.6032

■ 47.2457, 90.6260,
-83.8348

■ 53.3123, 76.6295,
-67.3084

■ 45.7053, 92.9236,
-88.6037

■ 57.8563, 66.0522,
-56.7216

■ 45.4642, 93.1782,
-89.3758

■ 63.2854, 54.2160,
-45.5600

■ 69.4786, 41.7915,
-34.3394

■ 76.3211, 29.2170,
-23.3606

83.7129, 16.7406,
-12.7637

91.5710, 4.4814,
-2.5892

99.5693, -7.0933,
6.8836

99.8725, -6.0350,
7.2539

Harmonies

Analogous

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



49.7579, 34.5598, -146.3777



49.7569, 85.0947, -76.6032



49.7579, 113.7736, -9.0730

Triad

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



49.7579, 85.0931, -76.6008



49.7579, 8.9575, 34.8306



49.7579, -59.5920, -39.6679

Complementary

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



49.7569, 85.0947, -76.6032



84.4376, -65.0707, 48.3523

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.



49.7579, -62.2493, 12.1677



49.7569, 85.0947, -76.6032



49.7579, -31.3847, 34.8286

Square

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



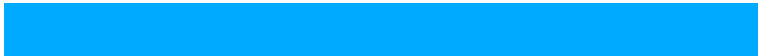
49.7579, 85.0931, -76.6008



49.7579, 60.8212, 33.6803



49.7579, -53.9865, 31.1386



49.7579, -44.7424, -114.8813

Rectangle

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



49.7569, 85.0947, -76.6032



49.7579, 111.4423, 17.3314



49.7579, -53.9865, 31.1386



49.7579, -61.6640, -18.3890

Sweetspot

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



49.7579, 85.0931, -76.6008



81.4536, 23.2895, -18.2658



38.3449, 37.4109, -116.8372



36.4400, 12.9053, -10.2678

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.7579, 85.0931, -76.6008



47.0625, 94.0244, -88.5425



51.7431, 81.8610, -19.7020



41.6806, 2.8540, -1.8419



33.0444, 67.6686, -64.5302



10.2387, 20.8458, -19.0554

Inverse Universe

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



48.9189, 70.8234, 20.4537



46.7767, 78.7607, 25.7108



84.3631, -64.0931, 38.2982



41.5589, 1.8357, 2.7176



32.9824, 56.7803, 19.0112



10.1013, 17.5155, 4.8469

Previews

White Background



This preview shows how the HunterLab color 49.7569, 85.0947, -76.6032 looks on a white background.

Color Contrast Check

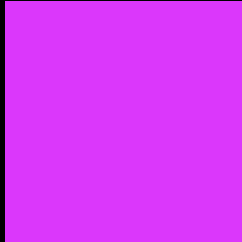
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.7569, 85.0947, -76.6032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

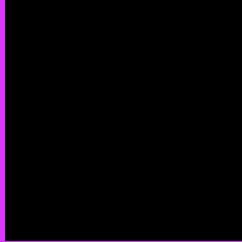
Any Text WCAG AA ✓ Pass

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 49.7569, 85.0947, -76.6032 Background



This preview shows how black text looks on a background with the HunterLab color 49.7569, 85.0947, -76.6032.



This preview shows how white text looks on a background with the HunterLab color 49.7569, 85.0947, -76.6032.

-76.6032.

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

49.7569, 85.0947, -76.6032

Protanopia

50.2596, 14.6566, -80.3801

Deuteranopia

50.1068, 4.8972, -64.7524



Tritanopia

49.4000, 31.3541, 11.1580

Trichromacy



Original Color

49.7569, 85.0947, -76.6032

Protanomaly

46.4155, 38.9630, -90.4911

Deuteranomaly

45.5048, 31.5750, -81.8888

Tritanomaly

48.2403, 50.1801, -13.1471

Monochromacy



Original Color

49.7569, 85.0947, -76.6032

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

44.1907, 29.3244, -23.9490

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.7569, 85.0947, -76.6032 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(219, 55, 251)` looks like.

```
.text, #text, p{  
    color:rgb(219, 55, 251)  
}
```

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(219, 55, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 55, 251) }
```

Border

The CSS property to change the border of an element to HunterLab 49.7569, 85.0947, -76.6032 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(219, 55, 251) }
```


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

```
.border{ border-color:rgb(219, 55, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 55, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 55, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 55, 251);  
box-shadow:4px 4px 4px 4px rgb(219, 55,  
251) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.7569, 85.0947, -76.6032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 55, 251) }
```

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

```
.background{ background-color: rgb(219, 55,  
251) }
```

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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