

Converting Colors

HunterLab(47.5170, 71.9184,
-87.5093)

Have a look what the booklet for
HunterLab(47.5170, 71.9184,
-87.5093) contains.

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Color

**HunterLab(47.4819, 72.1275,
-87.6146)**

Conversions

Conversions Part 1

Format	Color
Hex	BD47FF
RGB	189, 71, 255
RGB Percent	74%, 28%, 100%
CMY	0.2588, 0.7216, 0.0000
CMYK	0.26, 0.72, 0.00, 0.00
HSL	278°, 100%, 64%
HSV	278°, 72%, 100%
XYZ	41.2895, 22.5453, 96.7833
YIQ	127.2580, 11.2640, 82.2400

Conversions

Conversions Part 2

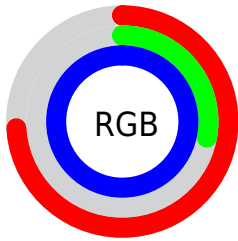
Format	Color
R_{YB}	189, 71, 255
Decimal	12404735
CIE _{Lab}	54.60, 74.36, -70.57
CIE _{LCh}	55, 102.520, 316.499
Yxy	22.5461, 0.2571, 0.1404
Android (android.graphics.Color)	4290594815 (0xFFBD47FF)
YUV	127.2580, 62.9768, 54.1477
Hunter-Lab	47.4819, 72.1275, -87.6146

Details

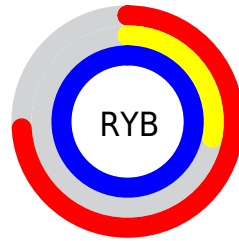
The HunterLab color $47.4819, 72.1275, -87.6146$ is a light color, and the websafe version is hex $CC33FF$. The color can be described as light washed purple. A complement of this color would be $87.9166, -57.9940, 49.1380$, and the grayscale version is $45.9285, -2.4506, 2.4954$.

A 20% lighter version of the original color is $65.7606, 62.2357, -43.6879$, and $29.6261, 64.3421, -86.3323$ is the 20% darker color. If you saturate the color by 10%, you get $43.3838, 79.5909, -101.1685$, and if you desaturate by 10%, it is $52.6346, 62.5572, -73.0422$.

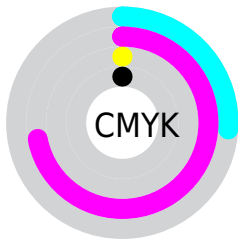
Distribution



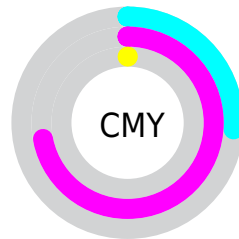
- Red (74%)
- Green (28%)
- Blue (100%)



- Red (74%)
- Yellow (28%)
- Blue (100%)



- Cyan (26%)
- Magenta (72%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (72%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.4819, 72.1275, -87.6146 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 47.4819, 72.1275, -87.6146 by changing the saturation by 10% instead.

47.4819, 72.1275,
-87.6146

47.4819, 72.1275,
-87.6146

162.9064, 90.2805,
-93.7773

37.7607, 69.7521,
-88.2121

69.0268, 76.7612,
-88.0321

28.8112, 67.4413,
-89.9215

80.7646, 78.9624,
-88.6502

20.7076, 65.4041,
-93.7588

93.1013, 81.0731,
-89.4031

13.5498, 64.1958,
-102.2432

106.0091, 83.0916,
-90.2350

7.1375, 70.1122,
-130.0101

119.4638, 85.0189,
-91.1092

0.0000, INF, -NF

0.0000, NaN, -NF

133.4440, 86.8573,

-92.0013

0.0000, NaN, -NF

147.9305, 88.6101,
-92.8945

■ 47.4819, 72.1275,
-87.6146

■ 47.4819, 72.1275,
-87.6146

■ 43.3838, 79.5909,
-101.1685

■ 52.6346, 62.5572,
-73.0422

■ 40.4300, 83.9140,
-112.3590

■ 58.6924, 51.8610,
-58.4972

■ 38.8113, 85.0678,
-119.1227

■ 65.5063, 40.7177,
-44.5524

■ 72.9457, 29.5162,
-31.4313

■ 80.9047, 18.4461,
-19.1560

■ 89.3001, 7.5805,
-7.6550

■ 98.0667, -3.0677,
3.1758

■ 100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



47.4827, 22.8684, -147.7865



47.4819, 72.1275, -87.6146



47.4827, 105.3956, -19.2860

Triad

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



47.4827, 72.1269, -87.6119



47.4827, 18.0064, 33.2379



47.4827, -58.0999, -25.0908

Complementary

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



47.4819, 72.1275, -87.6146



87.9166, -57.9940, 49.1380

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.



47.4827, -58.6016, 17.3442



47.4819, 72.1275, -87.6146



47.4827, -23.5163, 33.2379

Square

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



47.4827, 72.1269, -87.6119



47.4827, 67.5107, 31.4322



47.4827, -48.3369, 30.9629



47.4827, -46.5889, -94.9027

Rectangle

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



47.4819, 72.1275, -87.6146



47.4827, 108.4555, 10.5413



47.4827, -48.3369, 30.9629



47.4827, -59.3742, -7.0432

Sweetspot

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



47.4827, 72.1269, -87.6119



81.0322, 18.2753, -18.9714



51.8377, 11.9146, -76.0580



36.4685, 9.8348, -10.2783

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.4827, 72.1269, -87.6119



41.8083, 82.1291, -106.9669



56.1305, 85.7145, -43.3526



42.3739, 2.1914, -2.1850



28.2098, 61.6831, -85.4368



9.1453, 19.6780, -25.2254

Inverse Universe

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



52.5100, 71.3062, 6.8820



48.5202, 79.7311, 12.3026



85.8462, -66.1257, 44.1745



42.5379, 2.2602, 1.7832



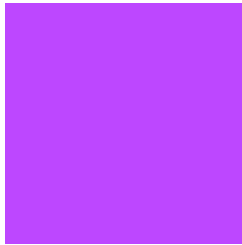
33.9610, 59.4098, 12.2510



10.6909, 18.8821, 2.4616

Previews

White Background



This preview shows how the HunterLab color 47.4819, 72.1275, -87.6146 looks on a white background.

Color Contrast Check

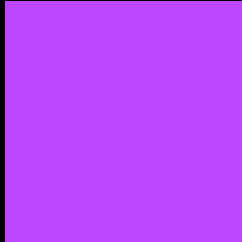
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.4819, 72.1275, -87.6146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

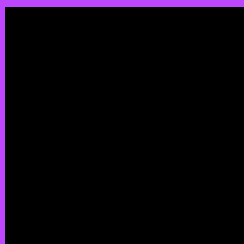
Any Text WCAG AA ✓ Pass

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 47.4819, 72.1275, -87.6146 Background



This preview shows how black text looks on a background with the HunterLab color 47.4819, 72.1275, -87.6146.



This preview shows how white text looks on a background with the HunterLab color 47.4819, 72.1275, -87.6146.

-87.6146.

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

47.4819, 72.1275, -87.6146

Protanopia

48.0122, 16.0099, -86.9654

Deuteranopia

47.6609, 3.6278, -67.4033



Tritanopia

47.2189, 16.0147, 5.0145

Trichromacy



Original Color

47.4819, 72.1275, -87.6146



Protanomaly

45.2158, 33.6323, -95.6054



Deuteranomaly

43.3911, 23.0308, -87.6438



Tritanomaly

46.1768, 34.8024, -21.0500

Monochromacy



Original Color

47.4819, 72.1275, -87.6146



Achromatopsia

46.0685, -2.4581, 2.5030



Achromatomaly

44.7833, 23.1706, -25.0152

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.4819, 72.1275, -87.6146 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(189, 71, 255)` looks like.

```
.text, #text, p{  
    color:rgb(189, 71, 255)  
}
```

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(189, 71, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 71, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 47.4819, 72.1275, -87.6146 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(189, 71, 255) }
```


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

```
.border{ border-color:rgb(189, 71, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 71, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 71, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 71, 255);  
box-shadow:4px 4px 4px 4px rgb(189, 71,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.4819, 72.1275, -87.6146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 71, 255) }
```

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

```
.background{ background-color: rgb(189, 71,  
255) }
```

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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