

Converting Colors

HunterLab(47.5393, 68.2777,
-87.5039)

Have a look what the booklet for
HunterLab(47.5393, 68.2777,
-87.5039) contains.

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Color

**HunterLab(47.6635, 68.1530,
-87.1221)**

Conversions

Conversions Part 1

Format	Color
Hex	B84DFF
RGB	184, 77, 255
RGB Percent	72%, 30%, 100%
CMY	0.2784, 0.6980, 0.0000
CMYK	0.28, 0.70, 0.00, 0.00
HSL	276°, 100%, 65%
HSV	276°, 70%, 100%
XYZ	40.4710, 22.7181, 96.8597
YIQ	129.2850, 6.6340, 78.0420

Conversions

Conversions Part 2

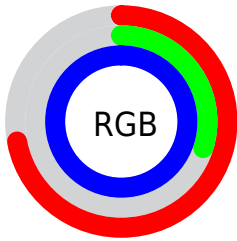
Format	Color
RYB	184, 77, 255
Decimal	12078591
CIELab	54.78, 71.07, -70.31
CIELCh	55, 99.973, 315.307
Yxy	22.7189, 0.2529, 0.1419
Android (android.graphics.Color)	4290268671 (0xFFB84DFF)
YUV	129.2850, 61.9775, 47.9851
Hunter-Lab	47.6635, 68.1530, -87.1221

Details

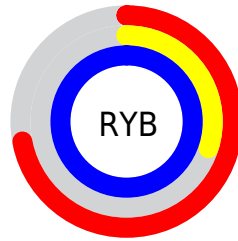
The HunterLab color **47.6635, 68.1530, -87.1221** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed purple. A complement of this color would be **88.5165, -55.4620, 48.8692**, and the grayscale version is **46.7289, -2.4933, 2.5389**.

A 20% lighter version of the original color is **65.9570, 57.4631, -43.3963**, and **28.9676, 63.5237, -89.1556** is the 20% darker color. If you saturate the color by 10%, you get **43.1407, 76.2472, -102.1051**, and if you desaturate by 10%, it is **53.2112, 58.3181, -71.6063**.

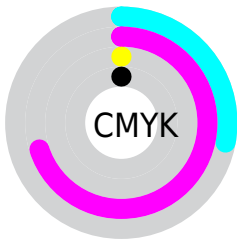
Distribution



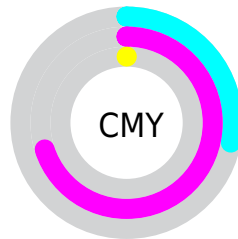
- Red (72%)
- Green (30%)
- Blue (100%)



- Red (72%)
- Yellow (30%)
- Blue (100%)



- Cyan (28%)
- Magenta (70%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (70%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.6635, 68.1530, -87.1221 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 47.6635, 68.1530, -87.1221 by changing the saturation by 10% instead.

47.6635, 68.1530,
-87.1221

47.6635, 68.1530,
-87.1221

163.1802, 85.4899,
-93.3277

37.9290, 65.8327,
-87.6848

69.2325, 72.6299,
-87.5741

28.9649, 63.5435,
-89.3348

80.9813, 74.7414,
-88.2001

20.8454, 61.4624,
-93.0631

93.3285, 76.7590,
-88.9574

13.6694, 60.0634,
-101.3179

106.2464, 78.6826,
-89.7912

7.2757, 64.6064,
-127.5392

119.7107, 80.5142,
-90.6656

0.0000, INF, -NF

0.0000, NaN, -NF

133.7001, 82.2568,

-91.5566

0.0000, NaN, -NF

148.1957, 83.9142,
-92.4477

■ 47.6635, 68.1530,
-87.1221

■ 47.6635, 68.1530,
-87.1221

■ 43.1407, 76.2472,
-102.1051

■ 53.2112, 58.3181,
-71.6063

■ 39.7686, 81.4842,
-115.1165

■ 59.6199, 47.6574,
-56.5125

■ 37.4847, 83.3794,
-125.0847

■ 66.7393, 36.7440,
-42.2801

■ 37.4440, 83.4055,
-125.2720

■ 74.4437, 25.8783,
-29.0245

■ 82.6337, 15.1911,
-16.6970

91.2321, 4.7214,
-5.1843

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.



47.6643, 20.3078, -143.1569



47.6635, 68.1530, -87.1221



47.6643, 101.2987, -20.8481

Triad

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



47.6643, 68.1526, -87.1196



47.6643, 19.3400, 33.3650



47.6643, -57.5406, -21.9972

Complementary

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



47.6635, 68.1530, -87.1221



88.5165, -55.4620, 48.8692

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.



47.6643, -57.6436, 18.0660



47.6635, 68.1530, -87.1221



47.6643, -21.7686, 33.3650

Square

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



47.6643, 68.1526, -87.1196



47.6643, 67.2393, 31.1235



47.6643, -46.9160, 31.0221



47.6643, -46.5606, -88.5478

Rectangle

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



47.6635, 68.1530, -87.1221



47.6643, 105.2444, 9.0721



47.6643, -46.9160, 31.0221



47.6643, -58.6832, -4.9430

Sweetspot

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



47.6643, 68.1526, -87.1196



81.6303, 16.4593, -18.1274



54.8097, 7.4265, -68.4377



36.7059, 8.9736, -9.9341

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.6643, 68.1526, -87.1196



41.5807, 78.8547, -107.8992



57.1789, 84.7757, -46.5205



42.3294, 2.0414, -2.2448



27.2309, 60.4875, -89.7957



8.8631, 19.3227, -26.3988

Inverse Universe

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



53.5782, 70.2828, 3.2415



49.3402, 79.3733, 7.9773



85.9771, -65.5929, 44.3968



42.5525, 2.3383, 1.5758



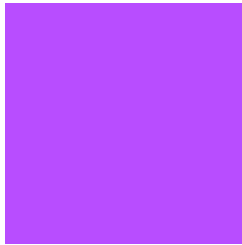
34.1095, 59.9548, 10.0928



10.7409, 19.0649, 1.7410

Previews

White Background



This preview shows how the HunterLab color 47.6635, 68.1530, -87.1221 looks on a white background.

Color Contrast Check

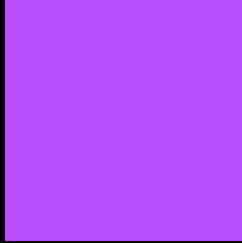
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.6635, 68.1530, -87.1221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

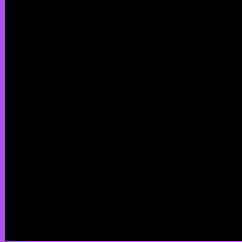
Any Text WCAG AA ✓ Pass

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 47.6635, 68.1530, -87.1221 Background



This preview shows how black text looks on a background with the HunterLab color 47.6635, 68.1530, -87.1221.



This preview shows how white text looks on a background with the HunterLab color 47.6635, 68.1530,

-87.1221.

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

47.6635, 68.1530, -87.1221

Protanopia

48.0651, 16.1734, -86.8013

Deuteranopia

48.0087, 3.4358, -67.4235



Tritanopia

47.3641, 12.8125, 3.8456

Trichromacy



Original Color

47.6635, 68.1530, -87.1221



Protanomaly

45.6179, 32.3300, -94.2870



Deuteranomaly

44.0617, 21.1194, -85.5170



Tritanomaly

46.3710, 31.1293, -22.0823

Monochromacy



Original Color

47.6635, 68.1530, -87.1221



Achromatopsia

46.8536, -2.5000, 2.5456



Achromatomaly

45.4275, 21.5182, -24.5649

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.6635, 68.1530, -87.1221 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(184, 77, 255)` looks like.

```
.text, #text, p{  
    color:rgb(184, 77, 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(184, 77, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 77, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 47.6635, 68.1530, -87.1221 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(184, 77, 255) }
```


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

```
.border{ border-color:rgb(184, 77, 255) }
```

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

Here you see how a box with a 4 pixel rgb(184, 77, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 77, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 77, 255);  
box-shadow:4px 4px 4px 4px rgb(184, 77,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.6635, 68.1530, -87.1221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 77, 255) }
```

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

```
.background{ background-color: rgb(184, 77,  
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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