

Converting Colors

HunterLab(50.8364, 78.3846,
-123.6663)

Have a look what the booklet for
HunterLab(50.8364, 78.3846,
-123.6663) contains.

HunterLab(47.8565, 66.2309, -86.5624)	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>	31

Color

**HunterLab(47.8565, 66.2309,
-86.5624)**

Conversions

Conversions Part 1

Format	Color
Hex	B650FF
RGB	182, 80, 255
RGB Percent	71%, 31%, 100%
CMY	0.2863, 0.6863, 0.0000
CMYK	0.29, 0.69, 0.00, 0.00
HSL	275°, 100%, 66%
HSV	275°, 69%, 100%
XYZ	40.2101, 22.9024, 96.9092
YIQ	130.4480, 4.6170, 76.0490

Conversions

Conversions Part 2

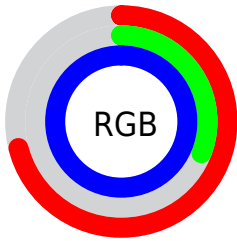
Format	Color
R _Y B	182, 80, 255
Decimal	11948287
CIE Lab	54.97, 69.44, -70.02
CIE LCh	55, 98.608, 314.762
Yxy	22.9032, 0.2513, 0.1431
Android (android.graphics.Color)	4290138367 (0xFFB650FF)
YUV	130.4480, 61.4041, 45.2111
Hunter-Lab	47.8565, 66.2309, -86.5624

Details

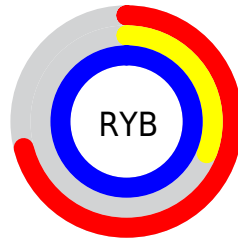
The HunterLab color $47.8565, 66.2309, -86.5624$ is a light color, and the websafe version is hex $CC66FF$. The color can be described as light muted purple. A complement of this color would be $88.8096, -54.2279, 48.7076$, and the grayscale version is $47.1890, -2.5179, 2.5639$.

A 20% lighter version of the original color is $66.1102, 55.6843, -43.1360$, and $29.1230, 61.6035, -88.5161$ is the 20% darker color. If you saturate the color by 10%, you get $43.1330, 74.6045, -102.1621$, and if you desaturate by 10%, it is $53.5874, 56.2960, -70.6697$.

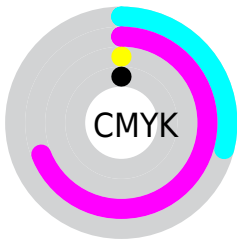
Distribution



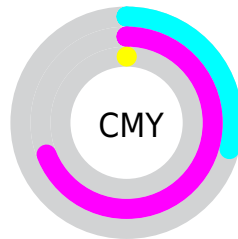
- Red (71%)
- Green (31%)
- Blue (100%)



- Red (71%)
- Yellow (31%)
- Blue (100%)



- Cyan (29%)
- Magenta (69%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (69%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.8565, 66.2309, -86.5624 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 47.8565, 66.2309, -86.5624 by changing the saturation by 10% instead.

47.8565, 66.2309,
-86.5624

47.8565, 66.2309,
-86.5624

163.4710, 83.1442,
-92.8134

38.1078, 63.9413,
-87.0871

69.4510, 70.6242,
-87.0517

29.1284, 61.6667,
-88.6728

81.2116, 72.6887,
-87.6862

20.9919, 59.5677,
-92.2834

93.5699, 74.6580,
-88.4481

13.7968, 58.0766,
-100.2922

106.4984, 76.5325,
-89.2839

7.4195, 61.7138,
-124.9874

119.9729, 78.3148,
-90.1583

0.0000, INF, -NF

0.0000, NaN, -NF

133.9722, 80.0084,

-91.0479

0.0000, NaN, -NF

148.4772, 81.6169,
-91.9367

■ 47.8565, 66.2309,
-86.5624

■ 47.8565, 66.2309,
-86.5624

■ 43.1330, 74.6045,
-102.1621

■ 53.5874, 56.2960,
-70.6697

■ 39.5574, 80.2847,
-116.0207

■ 60.1571, 45.6704,
-55.3760

■ 37.1334, 82.5086,
-126.7320

■ 67.4160, 34.8744,
-41.0522

■ 36.8443, 82.6923,
-128.0924

■ 75.2413, 24.1686,
-27.7643

■ 83.5367, 13.6589,
-15.4336

■ 92.2282, 3.3706,
-3.9301

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.



47.8573, 19.1381, -140.5195



47.8565, 66.2309, -86.5624



47.8573, 99.2022, -21.4772

Triad

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



47.8573, 66.2305, -86.5597



47.8573, 19.8780, 33.5001



47.8573, -57.2738, -20.6014

Complementary

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



47.8565, 66.2309, -86.5624



88.8096, -54.2279, 48.7076

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.



47.8573, -57.1937, 18.3716



47.8565, 66.2309, -86.5624



47.8573, -20.9640, 33.5001

Square

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



47.8573, 66.2305, -86.5597



47.8573, 66.9262, 30.9997



47.8573, -46.2444, 31.0809



47.8573, -46.5194, -85.4781

Rectangle

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



47.8565, 66.2309, -86.5624



47.8573, 103.5143, 8.3999



47.8573, -46.2444, 31.0809



47.8573, -58.3580, -4.0195

Sweetspot

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



47.8573, 66.2305, -86.5597



81.5293, 16.1336, -18.2805



57.1377, 3.7872, -62.8972



36.6524, 8.8033, -10.0178

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.8573, 66.2305, -86.5597



41.7932, 76.8792, -107.1169



57.8696, 84.8386, -50.0018



42.3093, 1.9733, -2.2719



26.8010, 59.9735, -91.7961



8.7382, 19.1680, -26.9386

Inverse Universe

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



54.1273, 69.7001, 1.5620



49.9029, 78.8374, 5.7132



86.0189, -65.4824, 44.9312



42.5591, 2.3740, 1.4811



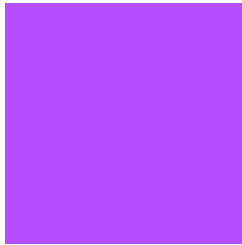
34.1829, 60.2239, 9.0290



10.7651, 19.1533, 1.3932

Previews

White Background



This preview shows how the HunterLab color 47.8565, 66.2309, -86.5624 looks on a white background.

Color Contrast Check

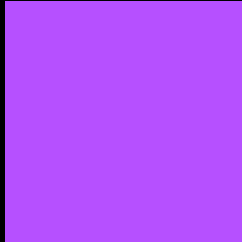
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.8565, 66.2309, -86.5624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

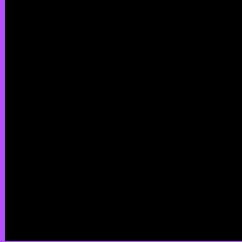
Any Text WCAG AA ✓ Pass

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 47.8565, 66.2309, -86.5624 Background



This preview shows how black text looks on a background with the HunterLab color 47.8565, 66.2309, -86.5624.



This preview shows how white text looks on a background with the HunterLab color 47.8565, 66.2309, -86.5624.

-86.5624.

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

47.8565, 66.2309, -86.5624

Protanopia

48.1203, 16.3438, -86.6305

Deuteranopia

48.0690, 3.7586, -68.1958



Tritanopia

47.7075, 11.4120, 3.3505

Trichromacy



Original Color

47.8565, 66.2309, -86.5624



Protanomaly

45.9143, 31.9320, -93.3177



Deuteranomaly

44.3440, 20.7843, -85.6850



Tritanomaly

46.6134, 29.6330, -22.3455

Monochromacy



Original Color

47.8565, 66.2309, -86.5624



Achromatopsia

47.2470, -2.5210, 2.5670



Achromatomaly

45.9054, 20.4789, -23.7375

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.8565, 66.2309, -86.5624 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(182, 80, 255)` looks like.

```
.text, #text, p{  
    color:rgb(182, 80, 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(182, 80, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 80, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 47.8565, 66.2309, -86.5624 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(182, 80, 255) }
```


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

```
.border{ border-color:rgb(182, 80, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 80, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 80, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 80, 255);  
box-shadow:4px 4px 4px 4px rgb(182, 80,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.8565, 66.2309, -86.5624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 80, 255) }
```

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

```
.background{ background-color: rgb(182, 80,  
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](#).

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