

Converting Colors

HunterLab(47.9024, 84.2595,
6.4599)

Have a look what the booklet for
HunterLab(47.9024, 84.2595,
6.4599) contains.

HunterLab(47.8957, 84.2360, 6.5534)	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(47.8957, 84.2360,
6.5534)**

Conversions

Conversions Part 1

Format	Color
Hex	FF087E
RGB	255, 8, 126
RGB Percent	100%, 3%, 49%
CMY	0.0000, 0.9684, 0.5059
CMYK	0.00, 0.97, 0.51, 0.00
HSL	331°, 100%, 52%
HSV	331°, 97%, 100%
XYZ	45.0927, 22.9400, 21.7898
YIQ	95.3050, 109.3340, 89.0620

Conversions

Conversions Part 2

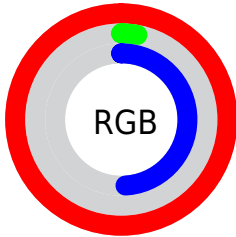
Format	Color
RYB	255, 8, 126
Decimal	16713854
CIELab	55.01, 83.88, 5.45
CIElCh	55, 84.058, 3.717
Yxy	22.9414, 0.5020, 0.2554
Android (android.graphics.Color)	4294903934 (0xFFFF087E)
YUV	95.3050, 15.1326, 140.0525
Hunter-Lab	47.8957, 84.2360, 6.5534

Details

The HunterLab color **47.8957, 84.2360, 6.5534** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **85.6620, -65.7640, 35.2354**, and the grayscale version is **33.8725, -1.8074, 1.8404**.

A 20% lighter version of the original color is **58.1220, 63.9108, -6.0325**, and **34.0975, 60.0062, 9.5282** is the 20% darker color. If you saturate the color by 10%, you get **47.6023, 84.4610, 7.9641**, and if you desaturate by 10%, it is **49.2471, 82.2996, 2.2309**.

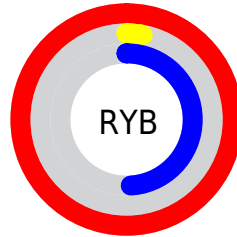
Distribution



Red (100%)

Green (3%)

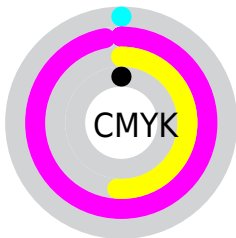
Blue (49%)



Red (100%)

Yellow (3%)

Blue (49%)

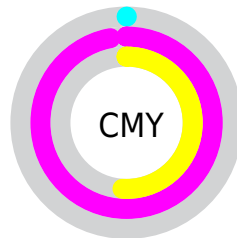


Cyan (0%)

Magenta (97%)

Yellow (51%)

Black (0%)



Cyan (0%)

Magenta (97%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.8957, 84.2360, 6.5534 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 47.8957, 84.2360, 6.5534 by changing the saturation by 10% instead.

47.8957, 84.2360,
6.5534

47.8957, 84.2360,
6.5534

163.5309,
104.5129, 14.9971

38.1447, 81.7402,
5.7084

69.4961, 89.2461,
8.2965

29.1622, 79.4144,
4.8743

81.2590, 91.6765,
9.1948

21.0222, 77.5503,
4.0463

93.6197, 94.0295,
10.1125

13.8231, 76.9110,
3.2122

106.5504, 96.2981,
11.0499

7.4488, 83.7012,
3.4379

120.0270, 98.4799,
12.0071

0.0000, INF, NaN

0.0000, INF, NaN

134.0283,

100.5752, 12.9840

0.0000, NaN, NaN

148.5353,
102.5854, 13.9808

0.0000, NaN, NaN

■ 47.8957, 84.2360,
6.5534

■ 47.8957, 84.2360,
6.5534

■ 47.6023, 84.4610,
7.9641

■ 49.2471, 82.2996,
2.2309

■ 51.6553, 77.2946,
-1.2310

■ 55.1730, 69.5266,
-3.5353

■ 59.7429, 59.7443,
-4.6156

■ 65.2524, 48.7492,
-4.5716

71.5718, 37.1782,
-3.5812

78.5774, 25.4509,
-1.8331

86.1616, 13.8051,
0.5070

94.2355, 2.3559,
3.3071

Harmonies

Analogous

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



47.8971, 73.4631, -35.0358



47.8957, 84.2360, 6.5534



47.8971, 66.8183, 26.1979

Triad

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



47.8971, 84.2307, 6.5548



47.8971, -34.3437, 31.0879



47.8971, -28.7447, -96.8592

Complementary

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



47.8957, 84.2360, 6.5534



85.6620, -65.7640, 35.2354

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.



47.8971, -46.4937, -47.9288



47.8957, 84.2360, 6.5534



47.8971, -49.0183, 23.1034

Square

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



47.8971, 84.2307, 6.5548



47.8971, -6.8216, 32.5789



47.8971, -52.7303, -1.7080



47.8971, 1.8596, -114.4296

Rectangle

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



47.8957, 84.2360, 6.5534



47.8971, 43.8478, 30.7744



47.8971, -52.7303, -1.7080



47.8971, -36.0871, -82.3846

Sweetspot

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



47.8971, 84.2307, 6.5548



77.0098, 27.9867, -2.2666



35.4963, 79.8602, -134.7531



34.2363, 15.2639, -1.4040

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.8971, 84.2307, 6.5548



47.6024, 84.4612, 7.9641



46.4165, 78.0474, 29.6721



42.5812, 2.4926, 1.1665



34.4529, 61.2110, 5.1360



10.8520, 19.4693, 0.1524

Inverse Universe

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



47.8971, 84.2307, 6.5548



47.6024, 84.4612, 7.9641



87.2891, -45.1685, -11.2644



42.5812, 2.4926, 1.1665



34.4529, 61.2110, 5.1360



10.8520, 19.4693, 0.1524

Previews

White Background



This preview shows how the HunterLab color 47.8957, 84.2360, 6.5534 looks on a white background.

Color Contrast Check

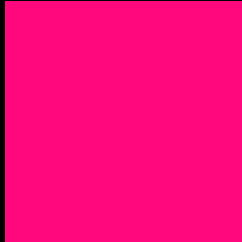
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.8957, 84.2360, 6.5534 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 47.8957, 84.2360, 6.5534 Background



This preview shows how black text looks on a background with the HunterLab color 47.8957, 84.2360, 6.5534.



This preview shows how white text looks on a background with the HunterLab color 47.8957, 84.2360,

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

47.8957, 84.2360, 6.5534

Protanopia

48.4371, 3.7939, -24.2589

Deuteranopia

48.3234, 3.2096, 9.9323



Tritanopia

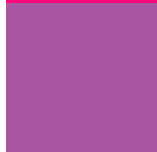
48.1736, 70.8067, 27.2100

Trichromacy



Original Color

47.8957, 84.2360, 6.5534



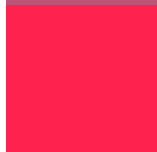
Protanomaly

41.9393, 37.2569, -21.8290



Deuteranomaly

43.0016, 38.8433, 3.1138



Tritanomaly

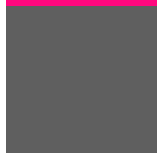
47.5760, 76.1380, 21.6667

Monochromacy



Original Color

47.8957, 84.2360, 6.5534



Achromatopsia

33.8283, -1.8050, 1.8380



Achromatomaly

33.7164, 33.7284, -2.6119

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.8957, 84.2360, 6.5534 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(255, 8, 126)` looks like.

```
.text, #text, p{  
    color:rgb(255, 8, 126)  
}
```

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(255, 8, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 8, 126) }
```

Border

The CSS property to change the border of an element to HunterLab 47.8957, 84.2360, 6.5534 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(255, 8, 126) }
```


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

```
.border{ border-color:rgb(255, 8, 126) }
```

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

Here you see how a box with a 4 pixel rgb(255, 8, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 8, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 8, 126);  
box-shadow:4px 4px 4px 4px rgb(255, 8,  
126) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.8957, 84.2360, 6.5534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 8, 126) }
```

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

```
.background{ background-color: rgb(255, 8,  
126) }
```

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