

Converting Colors

HunterLab(47.9319, 85.6620,
3.2428)

Have a look what the booklet for
HunterLab(47.9319, 85.6620,
3.2428) contains.

HunterLab(47.9387, 85.6869, 3.1449)	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(47.9387, 85.6869,
3.1449)**

Conversions

Conversions Part 1

Format	Color
Hex	FF0086
RGB	255, 0, 134
RGB Percent	100%, 0%, 53%
CMY	0.0000, 0.9997, 0.4745
CMYK	0.00, 1.00, 0.47, 0.00
HSL	328°, 100%, 50%
HSV	328°, 100%, 100%
XYZ	45.5430, 22.9812, 24.5897
YIQ	91.5210, 108.9660, 95.7340

Conversions

Conversions Part 2

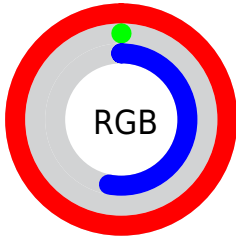
Format	Color
R_YB	255, 0, 134
Decimal	16711814
CIE _{Lab}	55.05, 84.99, 0.71
CIE _{LCh}	55, 84.995, 0.480
Yxy	22.9826, 0.4891, 0.2468
Android (android.graphics.Color)	4294901894 (0xFFFF0086)
YUV	91.5210, 20.9421, 143.3711
Hunter-Lab	47.9387, 85.6869, 3.1449

Details

The HunterLab color **47.9387, 85.6869, 3.1449** 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 **85.3828, -67.4359, 38.8564**, and the grayscale version is **32.4473, -1.7313, 1.7629**.

A 20% lighter version of the original color is **58.2771, 65.7632, -10.7695**, and **34.2524, 60.5730, 7.2900** is the 20% darker color. If you saturate the color by 10%, you get **47.9378, 85.6835, 3.1575**, and if you desaturate by 10%, it is **49.0491, 84.4648, -1.2204**.

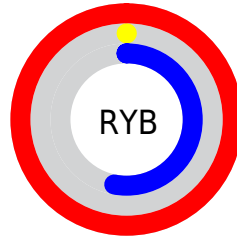
Distribution



Red (100%)

Green (0%)

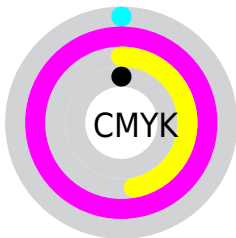
Blue (53%)



Red (100%)

Yellow (0%)

Blue (53%)

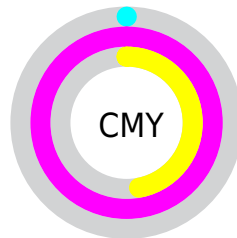


Cyan (0%)

Magenta (100%)

Yellow (47%)

Black (0%)



Cyan (0%)

Magenta (100%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.9387, 85.6869, 3.1449 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 47.9387, 85.6869, 3.1449 by changing the saturation by 10% instead.

47.9387, 85.6869,
3.1449

47.9387, 85.6869,
3.1449

163.5957,
106.1972, 9.7158

38.1846, 83.1819,
2.5757

69.5447, 90.7359,
4.3940

29.1986, 80.8600,
2.0434

81.3103, 93.1909,
5.0673

21.0548, 79.0244,
1.5524

93.6734, 95.5705,
5.7715

13.8515, 78.4649,
1.1062

106.6065, 97.8668,
6.5053

7.4803, 85.3981,
0.8020

120.0854,
100.0771, 7.2676

0.0000, INF, NaN

0.0000, INF, NaN

134.0889,

102.2012, 8.0574

0.0000, NaN, NaN

148.5980,
104.2405, 8.8738

0.0000, NaN, NaN

■ 47.9387, 85.6869,
3.1449

■ 47.9387, 85.6869,
3.1449

■ 47.9378, 85.6835,
3.1575

■ 49.0491, 84.4648,
-1.2204

■ 51.0969, 80.4130,
-4.7492

■ 54.2411, 73.4003,
-7.0299

■ 58.4550, 64.0771,
-7.9736

■ 63.6421, 53.2592,
-7.6835

■ 69.6777, 41.6537,
-6.3587

■ 76.4366, 29.7566,
-4.2141

■ 83.8068, 17.8662,
-1.4387

■ 91.6941, 6.1375,
1.8178

Harmonies

Analogous

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



47.9401, 71.7400, -41.2159



47.9387, 85.6869, 3.1449



47.9401, 70.8667, 25.1340

Triad

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



47.9401, 85.6817, 3.1464



47.9401, -32.3004, 31.5462



47.9401, -31.5711, -94.0960

Complementary

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



47.9387, 85.6869, 3.1449



85.3828, -67.4359, 38.8564

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.



47.9401, -48.0735, -42.9127



47.9387, 85.6869, 3.1449



47.9401, -48.4011, 24.7350

Square

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



47.9401, 85.6817, 3.1464



47.9401, -3.1269, 32.6995



47.9401, -53.2209, 2.0664



47.9401, -1.9916, -116.8267

Rectangle

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



47.9387, 85.6869, 3.1449



47.9401, 48.5873, 30.4503



47.9401, -53.2209, 2.0664



47.9401, -38.4892, -78.4200

Sweetspot

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



47.9401, 85.6817, 3.1464



76.4188, 29.7870, -4.2204



33.3852, 78.7880, -146.0653



33.9994, 16.1073, -2.4108

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.9401, 85.6817, 3.1464



47.9379, 85.6837, 3.1575



46.1303, 79.0325, 29.4929



42.5988, 2.5869, 0.9163



34.6961, 62.0966, 1.6563



10.9280, 19.7447, -0.9247

Inverse Universe

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



47.9401, 85.6817, 3.1464



47.9379, 85.6837, 3.1575



88.4335, -48.8449, -5.0894



42.5988, 2.5869, 0.9163



34.6961, 62.0966, 1.6563



10.9280, 19.7447, -0.9247

Previews

White Background



This preview shows how the HunterLab color 47.9387, 85.6869, 3.1449 looks on a white background.

Color Contrast Check

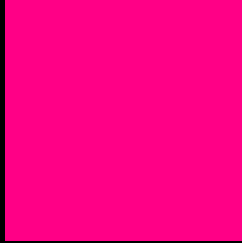
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.9387, 85.6869, 3.1449 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 47.9387, 85.6869, 3.1449 Background



This preview shows how black text looks on a background with the HunterLab color 47.9387, 85.6869, 3.1449.



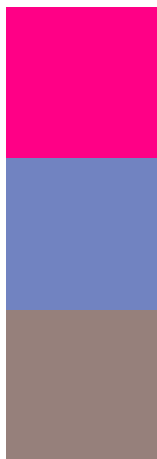
This preview shows how white text looks on a background with the HunterLab color 47.9387, 85.6869,

3.1449.

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

47.9387, 85.6869, 3.1449

Protanopia

48.5732, 5.2221, -31.5614

Deuteranopia

48.3244, 3.6105, 6.8494



Tritanopia

48.2926, 69.7037, 26.6932

Trichromacy



Original Color

47.9387, 85.6869, 3.1449



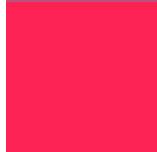
Protanomaly

41.4299, 39.7623, -29.6300



Deuteranomaly

42.5541, 40.9347, -1.0370



Tritanomaly

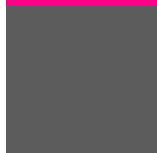
47.3962, 76.2816, 20.3035

Monochromacy



Original Color

47.9387, 85.6869, 3.1449



Achromatopsia

32.7144, -1.7456, 1.7774



Achromatomaly

32.8158, 34.9359, -4.2992

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.9387, 85.6869, 3.1449 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, 0, 134)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 134)  
}
```

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, 0, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 134) }
```

Border

The CSS property to change the border of an element to HunterLab 47.9387, 85.6869, 3.1449 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, 0, 134) }
```


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

```
.border{ border-color:rgb(255, 0, 134) }
```

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

Here you see how a box with a 4 pixel rgb(255, 0, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 134);  
box-shadow:4px 4px 4px 4px rgb(255, 0,  
134) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.9387, 85.6869, 3.1449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 0, 134) }
```

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

```
.background{ background-color: rgb(255, 0,  
134) }
```

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