

Converting Colors

HunterLab(47.6836, 84.7577,
6.7968)

Have a look what the booklet for
HunterLab(47.6836, 84.7577,
6.7968) contains.

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Color

**HunterLab(47.6872, 84.7706,
6.7459)**

Conversions

Conversions Part 1

Format	Color
Hex	FF007D
RGB	255, 0, 125
RGB Percent	100%, 0%, 49%
CMY	0.0000, 0.9997, 0.5098
CMYK	0.00, 1.00, 0.51, 0.00
HSL	331°, 100%, 50%
HSV	331°, 100%, 100%
XYZ	44.9417, 22.7407, 21.4228
YIQ	90.4950, 111.8550, 92.9350

Conversions

Conversions Part 2

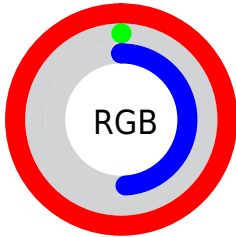
Format	Color
RYB	255, 0, 125
Decimal	16711805
CIELab	54.81, 84.33, 5.75
CIElCh	55, 84.531, 3.903
Yxy	22.7421, 0.5044, 0.2552
Android (android.graphics.Color)	4294901885 (0xFFFF007D)
YUV	90.4950, 17.0110, 144.2709
Hunter-Lab	47.6872, 84.7706, 6.7459

Details

The HunterLab color **47.6872, 84.7706, 6.7459** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **85.5182, -66.5951, 36.8721**, and the grayscale version is **32.0820, -1.7118, 1.7431**.

A 20% lighter version of the original color is **57.7564, 64.6971, -5.9776**, and **34.0767, 59.9297, 9.8309** is the 20% darker color. If you saturate the color by 10%, you get **47.6862, 84.7672, 6.7587**, and if you desaturate by 10%, it is **48.8004, 83.5420, 2.3182**.

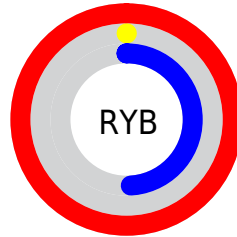
Distribution



Red (100%)

Green (0%)

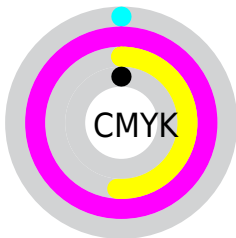
Blue (49%)



Red (100%)

Yellow (0%)

Blue (49%)

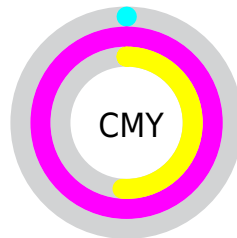


Cyan (0%)

Magenta (100%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (100%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 47.6872, 84.7706, 6.7459 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 47.6872, 84.7706, 6.7459 by changing the saturation by 10% instead.


 47.6872, 84.7706,
6.7459


 47.6872, 84.7706,
6.7459


163.2168,
105.1571, 15.3098


 37.9515, 82.2728,
5.8827


 69.2600, 89.7978,
8.5211


 28.9855, 79.9548,
5.0285


 81.0103, 92.2399,
9.4340

 20.8638, 78.1187,
4.1776

 93.3589, 94.6055,
10.3654

 13.6854, 77.5566,
3.3166

 106.2781, 96.8874,
11.3158

 7.2939, 85.2878,
3.6672

 119.7437, 99.0828,
12.2854

0.0000, INF, NaN

0.0000, INF, NaN

133.7344,

101.1918, 13.2743

0.0000, NaN, NaN

148.2311,
103.2158, 14.2825

0.0000, NaN, NaN

■ 47.6872, 84.7706,
6.7459

■ 47.6872, 84.7706,
6.7459

■ 47.6862, 84.7672,
6.7587

■ 48.8004, 83.5420,
2.3182

■ 50.8606, 79.5004,
-1.4022

■ 54.0258, 72.5212,
-3.9895

■ 58.2671, 63.2609,
-5.3210

■ 63.4853, 52.5366,
-5.4659

■ 69.5535, 41.0505,
-4.5963

■ 76.3450, 29.2916,
-2.9090

■ 83.7471, 17.5512,
-0.5826

■ 91.6652, 5.9786,
2.2380

Harmonies

Analogous

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



47.6886, 74.0889, -34.9741



47.6872, 84.7706, 6.7459



47.6886, 67.0599, 26.2638

Triad

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



47.6886, 84.7653, 6.7473



47.6886, -34.5512, 31.0137



47.6886, -28.6629, -97.9520

Complementary

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



47.6872, 84.7706, 6.7459



85.5182, -66.5951, 36.8721

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.



47.6886, -46.5007, -48.6274



47.6872, 84.7706, 6.7459



47.6886, -49.1490, 23.0287

Square

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



47.6886, 84.7653, 6.7473



47.6886, -7.0378, 32.4991



47.6886, -52.7920, -1.9661



47.6886, 2.1162, -115.4337

Rectangle

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



47.6872, 84.7706, 6.7459



47.6886, 43.8743, 30.7506



47.6886, -52.7920, -1.9661



47.6886, -36.0427, -83.3824

Sweetspot

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



47.6886, 84.7653, 6.7473



76.3266, 29.3224, -2.9143



34.3140, 79.7932, -140.9281



33.9505, 15.8645, -1.7176

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.6886, 84.7653, 6.7473



47.6863, 84.7674, 6.7587



46.1102, 78.9574, 29.7927



42.5858, 2.5171, 1.1013



34.5138, 61.4331, 4.2621



10.8712, 19.5390, -0.1205

Inverse Universe

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



47.6886, 84.7653, 6.7473



47.6863, 84.7674, 6.7587



88.7357, -47.0423, -9.3584



42.5858, 2.5171, 1.1013



34.5138, 61.4331, 4.2621



10.8712, 19.5390, -0.1205

Previews

White Background



This preview shows how the HunterLab color 47.6872, 84.7706, 6.7459 looks on a white background.

Color Contrast Check

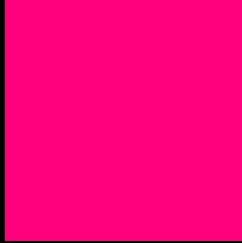
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.6872, 84.7706, 6.7459 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 47.6872, 84.7706, 6.7459 Background



This preview shows how black text looks on a background with the HunterLab color 47.6872, 84.7706, 6.7459.



This preview shows how white text looks on a background with the HunterLab color 47.6872, 84.7706,

6.7459.

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

47.6872, 84.7706, 6.7459

Protanopia

48.3946, 3.5663, -23.6752

Deuteranopia

48.2997, 3.0826, 10.2741



Tritanopia

48.1647, 70.7716, 27.3409

Trichromacy



Original Color

47.6872, 84.7706, 6.7459



Protanomaly

41.3335, 38.5436, -22.2222



Deuteranomaly

42.4402, 40.1253, 2.9095



Tritanomaly

47.3830, 76.6726, 21.7539

Monochromacy



Original Color

47.6872, 84.7706, 6.7459



Achromatopsia

32.3445, -1.7258, 1.7573



Achromatomaly

32.5341, 34.8208, -2.7279

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.6872, 84.7706, 6.7459 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, 125)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 125)  
}
```

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, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 125) }
```

Border

The CSS property to change the border of an element to HunterLab 47.6872, 84.7706, 6.7459 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, 125) }
```


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

```
.border{ border-color:rgb(255, 0, 125) }
```

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, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 125);  
box-shadow:4px 4px 4px 4px rgb(255, 0,  
125) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.6872, 84.7706, 6.7459 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, 125) }
```

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

```
.background{ background-color: rgb(255, 0,  
125) }
```

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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