

Converting Colors

HunterLab(67.5868, 51.9437,
7.6274)

Have a look what the booklet for
HunterLab(67.5868, 51.9437,
7.6274) contains.

HunterLab(64.9672, 45.1859, 4.2784)	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(64.9672, 45.1859,
4.2784)**

Conversions

Conversions Part 1

Format	Color
Hex	FF89AE
RGB	255, 137, 174
RGB Percent	100%, 54%, 68%
CMY	0.0000, 0.4627, 0.3176
CMYK	0.00, 0.46, 0.32, 0.00
HSL	341°, 100%, 77%
HSV	341°, 46%, 100%
XYZ	57.8257, 42.2074, 45.1435
YIQ	176.5000, 58.4510, 36.5230

Conversions

Conversions Part 2

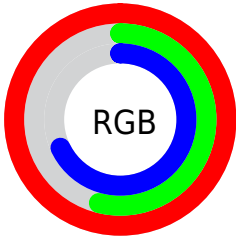
Format	Color
R _Y B	255, 137, 174
Decimal	16746926
CIE Lab	71.02, 48.61, 0.89
CIE LCh	71, 48.619, 1.051
Yxy	42.2094, 0.3983, 0.2907
Android (android.graphics.Color)	4294937006 (0xFFFF89AE)
YUV	176.5000, -1.2325, 68.8445
Hunter-Lab	64.9672, 45.1859, 4.2784

Details

The HunterLab color **64.9672, 45.1859, 4.2784** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **90.4993, -42.5286, 11.5625**, and the grayscale version is **66.0878, -3.5263, 3.5907**.

A 20% lighter version of the original color is **80.6580, 23.6163, -4.3760**, and **43.8107, 41.9429, 2.8124** is the 20% darker color. If you saturate the color by 10%, you get **59.2934, 55.8593, 5.8429**, and if you desaturate by 10%, it is **71.4588, 34.0900, 3.4902**.

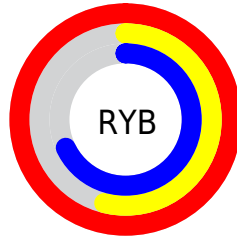
Distribution



Red (100%)

Green (54%)

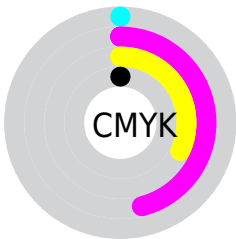
Blue (68%)



Red (100%)

Yellow (54%)

Blue (68%)

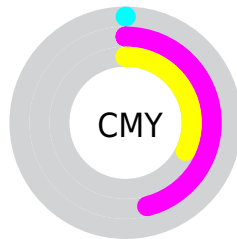


Cyan (0%)

Magenta (46%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (46%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.9672, 45.1859, 4.2784 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 64.9672, 45.1859, 4.2784 by changing the saturation by 10% instead.


 64.9672, 45.1859,
4.2784


 64.9672, 45.1859,
4.2784


188.5074, 55.0362,
11.3244

 54.0974, 43.6229,
3.6434


 88.6095, 47.9804,
5.6485

 43.9108, 41.9504,
3.0414


 101.3154, 49.2320,
6.3782

 34.4586, 40.1658,
2.4755


 114.5766, 50.3936,
7.1365

 25.8029, 38.2856,
1.9482

128.3706, 51.4709,
7.9224

 18.0252, 36.3712,
1.4621

142.6776, 52.4694,
8.7349

 11.2388, 34.6359,
1.0205

157.4798, 53.3936,

 3.3522, 67.5676,

9.5732

1.2850

172.7613, 54.2480,
10.4366

0.0000, INF, NaN

0.0000, NaN, NaN

■ 64.9672, 45.1859,
4.2784

■ 64.9672, 45.1859,
4.2784

■ 59.2934, 55.8593,
5.8429

■ 71.4588, 34.0900,
3.4902

■ 54.5716, 65.5210,
8.2396

■ 78.6343, 22.9580,
3.3682

■ 50.9289, 73.3736,
11.4255

■ 86.3849, 11.9852,
3.8008

■ 48.4371, 78.6324,
15.1985


■ 94.6204, 1.2570,
4.6858

■ 47.0595, 80.9077,

100.0000, -5.3358,

19.1951

5.4332

 46.7316, 81.2671,
20.6021

Harmonies

Analogous

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



64.9688, 38.4543, -19.4585



64.9672, 45.1859, 4.2784



64.9688, 37.4819, 21.2489

Triad

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



64.9688, 45.1822, 4.2798



64.9688, -24.1343, 29.6687



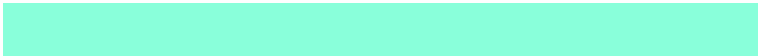
64.9688, -22.9435, -43.2195

Complementary

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



64.9672, 45.1859, 4.2784



90.4993, -42.5286, 11.5625

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.



64.9688, -36.2656, -21.2073



64.9672, 45.1859, 4.2784



64.9688, -36.8851, 20.3394

Square

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



64.9688, 45.1822, 4.2798



64.9688, -4.2543, 32.5226



64.9688, -41.0131, 2.7842



64.9688, -2.6821, -51.8695

Rectangle

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



64.9672, 45.1859, 4.2784



64.9688, 25.7316, 27.9273



64.9688, -41.0131, 2.7842



64.9688, -28.2801, -36.8391

Sweetspot

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



64.9688, 45.1822, 4.2798



88.2160, 9.5251, 3.9654



63.2160, 46.9352, -48.9570



40.0078, 5.4876, 1.7620

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.9688, 45.1822, 4.2798



59.4356, 55.5794, 5.7895



69.0932, 29.1658, 22.7742



42.5216, 2.1727, 2.0152



33.8152, 58.8731, 14.3812



10.6400, 18.6955, 3.1990

Inverse Universe

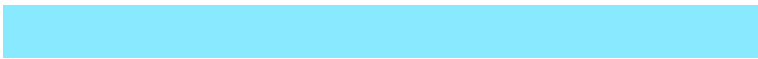
The Inverse Universe completely reimagines the original color for something new.



64.9688, 45.1822, 4.2798



59.4356, 55.5794, 5.7895



84.2766, -25.4625, -15.0731



42.5216, 2.1727, 2.0152



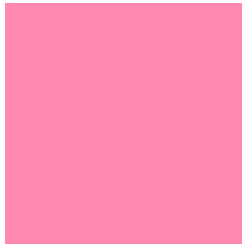
33.8152, 58.8731, 14.3812



10.6400, 18.6955, 3.1990

Previews

White Background



This preview shows how the HunterLab color 64.9672, 45.1859, 4.2784 looks on a white background.

Color Contrast Check

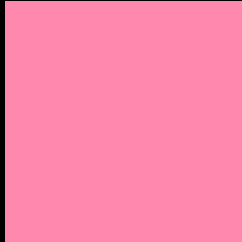
Large Text (above 18pt) WCAG AA × Fail

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 64.9672, 45.1859, 4.2784 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 64.9672, 45.1859, 4.2784 Background



This preview shows how black text looks on a background with the HunterLab color 64.9672, 45.1859, 4.2784.



This preview shows how white text looks on a background with the HunterLab color 64.9672, 45.1859,

4.2784.

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

64.9672, 45.1859, 4.2784

Protanopia

65.2155, 0.0145, -7.2937

Deuteranopia

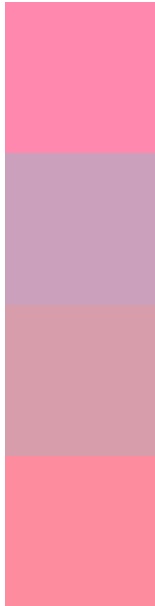
64.9671, 4.8815, 5.8619



Tritanopia

64.9359, 39.2506, 13.9678

Trichromacy



Original Color

64.9672, 45.1859, 4.2784

Protanomaly

64.2876, 15.2334, -3.9979

Deuteranomaly

64.5392, 19.0565, 4.7080

Tritanomaly

65.0617, 41.1778, 10.9205

Monochromacy



Original Color

64.9672, 45.1859, 4.2784

Achromatopsia

66.3066, -3.5380, 3.6026

Achromatomaly

64.7722, 13.2331, 2.5462

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.9672, 45.1859, 4.2784 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, 137, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 137, 174)  
}
```

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, 137, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 137, 174) }
```

Border

The CSS property to change the border of an element to HunterLab 64.9672, 45.1859, 4.2784 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, 137, 174) }
```


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

```
.border{ border-color:rgb(255, 137, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 137, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 137, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 137, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 137,  
174) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.9672, 45.1859, 4.2784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 137, 174) }
```

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

```
.background{ background-color: rgb(255,  
137, 174) }
```

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