

Converting Colors

HunterLab(64.8740, 66.6795,
-45.3221)

Have a look what the booklet for
HunterLab(64.8740, 66.6795,
-45.3221) contains.

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Color

**HunterLab(64.8242, 66.9670,
-45.4142)**

Conversions

Conversions Part 1	
Format	Color
Hex	FD7AFF
RGB	253, 122, 255
RGB Percent	99%, 48%, 100%
CMY	0.0078, 0.5215, 0.0000
CMYK	0.01, 0.52, 0.00, 0.00
HSL	299°, 100%, 74%
HSV	299°, 52%, 100%
XYZ	65.5176, 42.0218, 99.2657
YIQ	176.3310, 35.3830, 69.1350

Conversions

Conversions Part 2

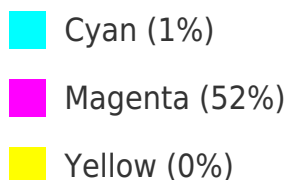
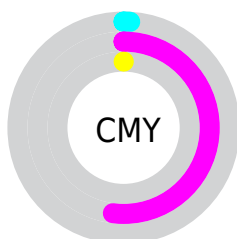
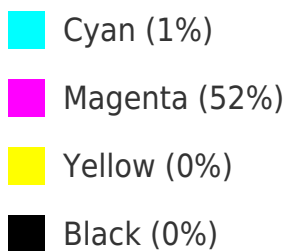
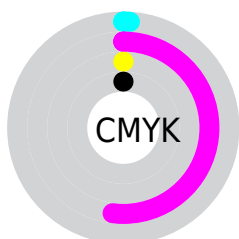
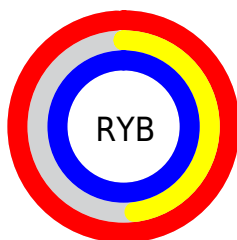
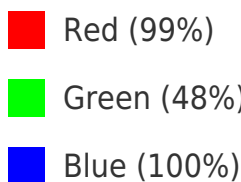
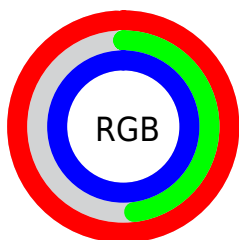
Format	Color
RYB	253, 122, 255
Decimal	16612095
CIELab	70.89, 67.17, -44.12
CIELCh	71, 80.367, 326.700
Yxy	42.0236, 0.3168, 0.2032
Android (android.graphics.Color)	4294802175 (0xFFFD7AFF)
YUV	176.3310, 38.7838, 67.2387
Hunter-Lab	64.8242, 66.9670, -45.4142

Details

The HunterLab color **64.8242, 66.9670, -45.4142** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **87.8696, -57.1046, 40.7200**, and the grayscale version is **65.8630, -3.5143, 3.5785**.

A 20% lighter version of the original color is **77.9232, 36.3777, -23.3322**, and **43.8330, 62.8676, -44.1556** is the 20% darker color. If you saturate the color by 10%, you get **60.4066, 79.4133, -54.2464**, and if you desaturate by 10%, it is **70.1429, 53.3783, -35.8134**.

Distribution




Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.8242, 66.9670, -45.4142 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 64.8242, 66.9670, -45.4142 by changing the saturation by 10% instead.


 64.8242, 66.9670,
-45.4142


 64.8242, 66.9670,
-45.4142


188.3031, 82.0367,
-50.5143


 53.9627, 64.8319,
-44.7116

 88.4507, 70.9471,
-46.8038

 43.7852, 62.6206,
-44.0587


 101.1494, 72.7937,
-47.4605

 34.3427, 60.3651,
-43.5314


 114.4036, 74.5465,
-48.0790

 25.6977, 58.1491,
-43.2903

128.1909, 76.2092,
-48.6554

 17.9319, 56.1848,
-43.7003

142.4915, 77.7855,
-49.1876

 11.1591, 55.0903,
-45.7550

157.2875, 79.2797,

 3.1340, 113.2551,

-49.6748

-98.9632

172.5629, 80.6955,
-50.1169

0.0000, INF, -NF

0.0000, NaN, -NF

■ 64.8242, 66.9670,
-45.4142

■ 64.8242, 66.9670,
-45.4142

■ 60.4066, 79.4133,
-54.2464

■ 70.1429, 53.3783,
-35.8134

■ 56.9796, 89.9203,
-61.7592

■ 76.2474, 39.2977,
-25.8957

■ 54.5926, 97.6982,
-67.3981

■ 83.0298, 25.1547,
-15.9547

■ 53.2137, 102.2803,
-70.8300

■ 90.3916, 11.2004,
-6.1604

■ 52.6883, 103.9331,

■ 98.2492, -2.4425,

-72.1761

3.4055

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.



64.8256, 31.5169, -90.0895



64.8242, 66.9670, -45.4142



64.8256, 83.4489, -0.4697

Triad

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



64.8256, 66.9644, -45.4114



64.8256, 0.6641, 41.1862



64.8256, -55.3651, -34.6155

Complementary

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



64.8242, 66.9670, -45.4142



87.8696, -57.1046, 40.7200

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.



64.8256, -60.0867, 7.2875



64.8242, 66.9670, -45.4142



64.8256, -32.3068, 39.4689

Square

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



64.8256, 66.9644, -45.4114



64.8256, 40.1704, 38.3540



64.8256, -52.6612, 30.6851



64.8256, -37.9355, -81.7807

Rectangle

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



64.8242, 66.9670, -45.4142



64.8256, 79.2494, 20.0528



64.8256, -52.6612, 30.6851



64.8256, -58.2957, -18.9630

Sweetspot

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



64.8256, 66.9644, -45.4114



87.4976, 16.5343, -9.9029



50.8225, 28.0617, -78.5624



39.7783, 8.9786, -5.5144

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.8256, 66.9644, -45.4114



60.0773, 80.3888, -54.9412



62.3938, 55.5205, -7.2660



42.7617, 3.4939, -1.6662



38.0944, 75.1409, -52.1507



11.9049, 23.4728, -16.2250

Inverse Universe

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



60.5277, 46.9523, 19.4385



54.9422, 57.9143, 22.7270



89.0030, -50.1022, 22.9137



42.4164, 1.6065, 3.5176



33.3393, 57.1135, 21.3967



10.4102, 17.8480, 6.5705

Previews

White Background



This preview shows how the HunterLab color 64.8242, 66.9670, -45.4142 looks on a white background.

Color Contrast Check

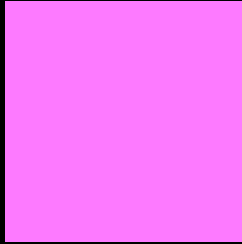
Large Text (above 18pt) WCAG AA × Fail

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 64.8242, 66.9670, -45.4142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

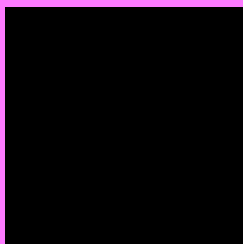
Any Text WCAG AA ✓ Pass

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 64.8242, 66.9670, -45.4142 Background



This preview shows how black text looks on a background with the HunterLab color 64.8242, 66.9670, -45.4142.



This preview shows how white text looks on a background with the HunterLab color 64.8242, 66.9670, -45.4142.

-45.4142.

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

64.8242, 66.9670, -45.4142

Protanopia

65.0193, 7.3254, -46.0783

Deuteranopia

65.0860, 5.1790, -39.2281



Tritanopia

64.5700, 32.5235, 11.0672

Trichromacy



Original Color
64.8242, 66.9670, -45.4142



Protanomaly
63.3978, 27.6028, -48.9291



Deuteranomaly
63.5530, 26.1384, -43.9922

Tritanomaly
64.1514, 44.1868, -6.3254

Monochromacy



Original Color
64.8242, 66.9670, -45.4142



Achromatopsia
65.8903, -3.5157, 3.5799



Achromatomaly
64.0485, 21.1586, -13.6297

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.8242, 66.9670, -45.4142 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(253, 122, 255) looks like.

```
.text, #text, p{  
    color:rgb(253, 122, 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(253, 122, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 122, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 64.8242, 66.9670, -45.4142 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(253, 122, 255) }
```


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

```
.border{ border-color:rgb(253, 122, 255) }
```

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

Here you see how a box with a 4 pixel rgb(253, 122, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 122, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 122, 255);  
box-shadow:4px 4px 4px 4px rgb(253, 122,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.8242, 66.9670, -45.4142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 122, 255) }
```

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

```
.background{ background-color: rgb(253,  
122, 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](#).

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