

# Converting Colors

HunterLab(63.0991, 71.6500,  
-45.0966)

Have a look what the booklet for  
HunterLab(63.0991, 71.6500,  
-45.0966) contains.

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# Color

**HunterLab(63.0480, 71.6810,  
-44.9469)**

# Conversions

Conversions Part 1	
Format	Color
Hex	FF70FA
RGB	255, 112, 250
RGB Percent	100%, 44%, 98%
CMY	0.0000, 0.5608, 0.0196
CMYK	0.00, 0.56, 0.02, 0.00
HSL	302°, 100%, 72%
HSV	302°, 56%, 100%
XYZ	64.2895, 39.7505, 94.7267
YIQ	170.4890, 40.9300, 73.2340

# Conversions

## Conversions Part 2

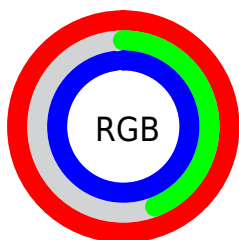
Format	Color
<a href="#">RYB</a>	<a href="#">255, 112, 250</a>
Decimal	<a href="#">16740602</a>
CIELab	<a href="#">69.29, 71.27, -43.87</a>
CIELCh	<a href="#">69, 83.688, 328.384</a>
Yxy	<a href="#">39.7520, 0.3234, 0.2000</a>
Android (android.graphics.Color)	<a href="#">4294930682</a> (0xFFFF70FA)
YUV	<a href="#">170.4890, 39.1989, 74.1161</a>
Hunter-Lab	<a href="#">63.0480, 71.6810, -44.9469</a>

# Details

The HunterLab color **63.0480, 71.6810, -44.9469** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **87.3211, -59.4865, 41.3370**, and the grayscale version is **63.4365, -3.3848, 3.4466**.

A 20% lighter version of the original color is **75.6501, 41.4275, -26.8073**, and **42.2138, 66.9983, -43.6760** is the 20% darker color. If you saturate the color by 10%, you get **59.0281, 83.3542, -52.2778**, and if you desaturate by 10%, it is **68.0103, 58.5455, -36.5544**.

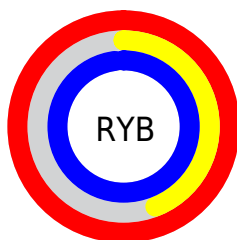
# Distribution



Red (100%)

Green (44%)

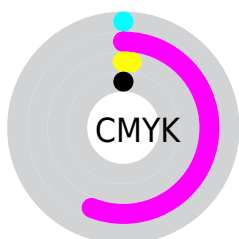
Blue (98%)



Red (100%)

Yellow (44%)

Blue (98%)

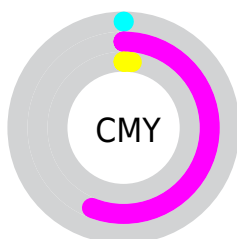


Cyan (0%)

Magenta (56%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (56%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.0480, 71.6810, -44.9469 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 63.0480, 71.6810, -44.9469 by changing the saturation by 10% instead.



 63.0480, 71.6810, -44.9469	 63.0480, 71.6810, -44.9469
---	---

185.7625, 87.9343, -50.0598	 52.2927, 69.4281, -44.2501
--------------------------------	---

 86.4787, 75.9194, -46.3368	 42.2288, 67.1178, -43.6088
---	---

 99.0866, 77.9001, -46.9949	 32.9089, 64.7985, -43.1075
---	---

 112.2537, 79.7875, -47.6153	 24.3979, 62.5899, -42.9244
--	---

125.9574, 81.5842, -48.1937	 16.7817, 60.7930, -43.4747
--------------------------------	---

140.1774, 83.2936, -48.7279	 10.1813, 60.3011, -45.9330
--------------------------------	---

154.8955, 84.9194,	0.0000, INF, -NF
--------------------	------------------

-49.2170

0.0000, NaN, -NF

170.0955, 86.4651,  
-49.6608

■ 63.0480, 71.6810,  
-44.9469

■ 63.0480, 71.6810,  
-44.9469

■ 59.0281, 83.3542,  
-52.2778

■ 68.0103, 58.5455,  
-36.5544

■ 56.0259, 92.7535,  
-58.0216

■ 73.8047, 44.6742,  
-27.5792

■ 54.0626, 99.1851,  
-61.7443

■ 80.3209, 30.5795,  
-18.3677

■ 53.0639, 102.4107,  
-63.3195

■ 87.4555, 16.5803,  
-9.1419

■ 52.8385, 103.0897,  
-63.5475

■ 95.1185, 2.8462,  
-0.0256

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.



63.0492, 35.2516, -93.4218



63.0480, 71.6810, -44.9469



63.0492, 87.5285, 1.4403

# Triad

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



63.0492, 71.6778, -44.9451



63.0492, -1.2939, 40.8725



63.0492, -55.6236, -39.3443

# Complementary

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



63.0480, 71.6810, -44.9469



87.3211, -59.4865, 41.3370

# 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.



63.0492, -61.0327, 5.3606



63.0480, 71.6810, -44.9469



63.0492, -34.4711, 39.0672

# Square

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



63.0492, 71.6778, -44.9451



63.0492, 39.6786, 38.5626



63.0492, -54.2952, 30.0734



63.0492, -37.2740, -89.0549



# Rectangle

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



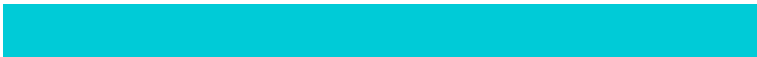
63.0480, 71.6810, -44.9469



63.0492, 82.0068, 21.6495



63.0492, -54.2952, 30.0734



63.0492, -58.7925, -22.6525

# Sweetspot

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



63.0492, 71.6778, -44.9451



86.7726, 17.8648, -9.9913



47.5143, 33.8756, -88.1838



39.4656, 9.5603, -5.4781

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



63.0492, 71.6778, -44.9451



58.7071, 84.3308, -52.8832



60.0782, 58.7061, -3.9032



42.7654, 3.4788, -1.4501



38.2010, 74.5413, -46.0190



11.9340, 23.3077, -14.5397



# Inverse Universe

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



63.0492, 71.6778, -44.9451



58.7071, 84.3308, -52.8832



88.6610, -51.3734, 21.8150



42.7654, 3.4788, -1.4501



38.2010, 74.5413, -46.0190

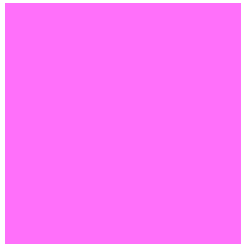


11.9340, 23.3077, -14.5397



# Previews

## White Background



This preview shows how the HunterLab color 63.0480, 71.6810, -44.9469 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

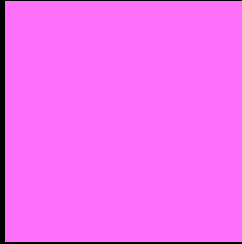
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 63.0480, 71.6810, -44.9469 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

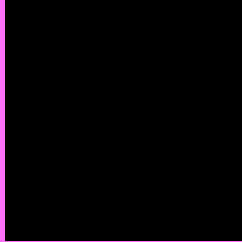
Any Text WCAG AA ✓ Pass

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 63.0480, 71.6810, -44.9469 Background



This preview shows how black text looks on a background with the HunterLab color 63.0480, 71.6810, -44.9469.



This preview shows how white text looks on a background with the HunterLab color 63.0480, 71.6810, -44.9469.



# 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

63.0480, 71.6810, -44.9469

### Protanopia

63.3844, 7.8774, -49.3014

### Deuteranopia

63.3531, 4.8161, -38.0287






## Tritanopia

62.7707, 36.5313, 12.4614

# Trichromacy

	<b>Original Color</b> 63.0480, 71.6810, -44.9469
	<b>Protanomaly</b> 61.3698, 29.2652, -51.4510
	<b>Deuteranomaly</b> 61.5644, 27.6242, -44.0066
	<b>Tritanomaly</b> 62.4659, 48.0533, -4.7601

# Monochromacy

	<b>Original Color</b> 63.0480, 71.6810, -44.9469
	<b>Achromatopsia</b> 63.4017, -3.3830, 3.4447
	<b>Achromatomaly</b> 61.6733, 22.7303, -13.5441

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 63.0480, 71.6810, -44.9469 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, 112, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 112, 250)  
}
```

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, 112, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 112, 250) }
```

## Border

The CSS property to change the border of an element to HunterLab 63.0480, 71.6810, -44.9469 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, 112, 250) }
```



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

```
.border{ border-color:rgb(255, 112, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 112, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 112, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 112, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 112,  
250) }
```

# Background

The CSS property to change the background color of an element to HunterLab 63.0480, 71.6810, -44.9469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 112, 250) }
```

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

```
.background{ background-color: rgb(255,  
112, 250) }
```

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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