

# Converting Colors

HunterLab(70.8857, 47.5475,  
-23.4989)

Have a look what the booklet for  
HunterLab(70.8857, 47.5475,  
-23.4989) contains.

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# Color

**HunterLab(70.9045, 47.6369,  
-23.7599)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF99EF
RGB	255, 153, 239
RGB Percent	100%, 60%, 94%
CMY	0.0000, 0.4000, 0.0627
CMYK	0.00, 0.40, 0.06, 0.00
HSL	309°, 100%, 80%
HSV	309°, 40%, 100%
XYZ	68.2112, 50.2745, 87.7702
YIQ	193.3020, 33.1860, 48.3700

# Conversions

## Conversions Part 2

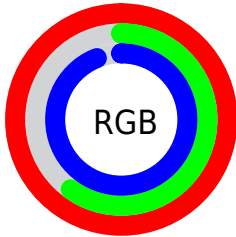
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 153, 239
Decimal	16751087
CIE <sub>Lab</sub>	76.24, 50.08, -27.10
CIE <sub>LCh</sub>	76, 56.940, 331.577
Yxy	50.2765, 0.3307, 0.2438
Android (android.graphics.Color)	4294941167 (0xFFFF99EF)
YUV	193.3020, 22.5291, 54.1091
Hunter-Lab	70.9045, 47.6369, -23.7599

# Details

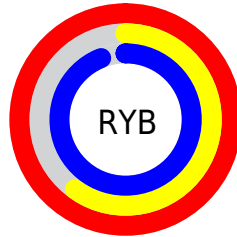
The HunterLab color **70.9045, 47.6369, -23.7599** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **90.0875, -46.5757, 29.9905**, and the grayscale version is **73.0527, -3.8979, 3.9691**.

A 20% lighter version of the original color is **86.0703, 19.6233, -11.7914**, and **49.2066, 44.6078, -22.8783** is the 20% darker color. If you saturate the color by 10%, you get **65.2442, 60.6190, -30.1608**, and if you desaturate by 10%, it is **77.3134, 34.2564, -16.7874**.

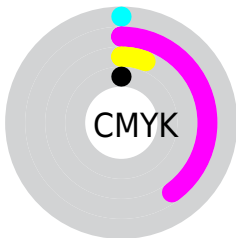
# Distribution



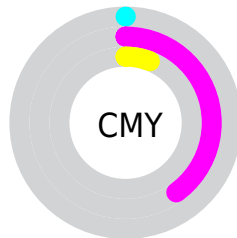
- Red (100%)
- Green (60%)
- Blue (94%)



- Red (100%)
- Yellow (60%)
- Blue (94%)



- Cyan (0%)
- Magenta (40%)
- Yellow (6%)
- Black (0%)




- Cyan (0%)
- Magenta (40%)
- Yellow (6%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.9045, 47.6369, -23.7599 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 70.9045, 47.6369, -23.7599 by changing the saturation by 10% instead.





 70.9045, 47.6369,  
-23.7599


 70.9045, 47.6369,  
-23.7599


196.9128, 57.5347,  
-25.0959

 59.6935, 46.0812,  
-23.3417


 95.1759, 50.4275,  
-24.4195

 49.1437, 44.4180,  
-22.8695

 108.1748, 51.6810,  
-24.6661

 39.3010, 42.6430,  
-22.3489


121.7169, 52.8467,  
-24.8592

 30.2205, 40.7653,  
-21.7984

135.7812, 53.9303,  
-25.0009

 21.9724, 38.8223,  
-21.2658

150.3490, 54.9365,  
-25.0935

 14.6514, 36.9378,  
-20.8810

165.4035, 55.8701,

 8.3106, 36.2127,

-25.1388

-21.4002

180.9294, 56.7349,  
-25.1390

0.0000, INF, -NF

0.0000, NaN, -NF

■ 70.9045, 47.6369,  
-23.7599

■ 70.9045, 47.6369,  
-23.7599

■ 65.2442, 60.6190,  
-30.1608

■ 77.3134, 34.2564,  
-16.7874

■ 60.4430, 72.6449,  
-35.6435

■ 84.3588, 20.8512,  
-9.5001

■ 56.6083, 82.9558,  
-39.7825


■ 91.9479, 7.6212,  
-2.0600


■ 53.8107, 90.7426,  
-42.1749

100.0000, -5.3358,  
5.4332

■ 52.0496, 95.4217,

-42.5979

 51.1532, 97.1919,  
-41.2953

 51.1530, 97.1922,  
-41.2950

# Harmonies

## Analogous

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



70.9059, 25.3579, -52.1043



70.9045, 47.6369, -23.7599



70.9059, 55.6288, 5.1990

# Triad

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



70.9059, 47.6338, -23.7583



70.9059, -5.2035, 37.5164



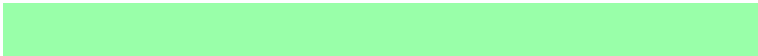
70.9059, -42.6665, -27.0148

# Complementary

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



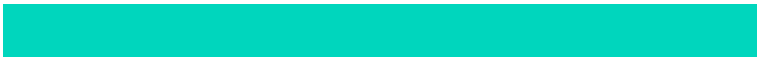
70.9045, 47.6369, -23.7599



90.0875, -46.5757, 29.9905

# 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.



70.9059, -48.4098, 2.4935



70.9045, 47.6369, -23.7599



70.9059, -28.8729, 34.2695

# Square

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



70.9059, 47.6338, -23.7583



70.9059, 22.5297, 34.9136



70.9059, -43.7577, 23.5007



70.9059, -26.7499, -54.4255



# Rectangle

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



70.9045, 47.6369, -23.7599



70.9059, 50.9624, 19.6644



70.9059, -43.7577, 23.5007



70.9059, -45.7343, -16.7065

# Sweetspot

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



70.9059, 47.6338, -23.7583



90.3887, 10.2507, -3.5566



61.9377, 23.1854, -51.9918



41.3522, 5.5387, -2.0965

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



70.9059, 47.6338, -23.7583



66.3101, 58.0806, -28.9427



69.0693, 38.8044, 2.0565



42.7183, 3.2271, -0.7824



37.0011, 70.3436, -30.1835



11.6001, 22.1413, -10.1456



# Inverse Universe

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



70.9059, 47.6338, -23.7583



66.3101, 58.0806, -28.9427



91.3364, -39.2104, 11.9552



42.7183, 3.2271, -0.7824



37.0011, 70.3436, -30.1835



11.6001, 22.1413, -10.1456



# Previews

## White Background



This preview shows how the HunterLab color 70.9045, 47.6369, -23.7599 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

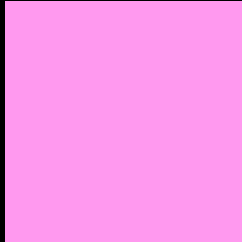
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 70.9045, 47.6369, -23.7599 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

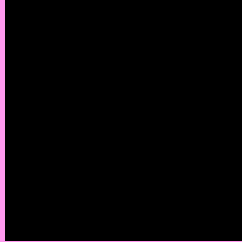
Any Text WCAG AA ✓ Pass

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 70.9045, 47.6369, -23.7599 Background



This preview shows how black text looks on a background with the HunterLab color 70.9045, 47.6369, -23.7599.



This preview shows how white text looks on a background with the HunterLab color 70.9045, 47.6369, -23.7599.

-23.7599.

# 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

70.9045, 47.6369, -23.7599

### Protanopia

71.1777, 5.2365, -34.8559

### Deuteranopia

71.2541, 5.1309, -20.1504



## Tritanopia

71.0234, 27.4682, 9.0840

# Trichromacy



## Original Color

70.9045, 47.6369, -23.7599



## Protanomaly

70.2787, 19.3839, -31.9644



## Deuteranomaly

70.4180, 20.0322, -22.4348



## Tritanomaly

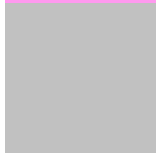
70.8301, 34.6981, -1.4880

# Monochromacy



## Original Color

70.9045, 47.6369, -23.7599



## Achromatopsia

73.0258, -3.8965, 3.9676



## Achromatomaly

71.4793, 14.4368, -6.2772

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 70.9045, 47.6369, -23.7599 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, 153, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 239)  
}
```

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, 153, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 239) }
```

## Border

The CSS property to change the border of an element to HunterLab 70.9045, 47.6369, -23.7599 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, 153, 239) }
```



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

```
.border{ border-color:rgb(255, 153, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 153, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
239) }
```

# Background

The CSS property to change the background color of an element to HunterLab 70.9045, 47.6369, -23.7599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 239) }
```

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

```
.background{ background-color: rgb(255,  
153, 239) }
```

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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