

# Converting Colors

HunterLab(86.9166, 67.2463,  
-18.3798)

Have a look what the booklet for  
HunterLab(86.9166, 67.2463,  
-18.3798) contains.

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# Color

**HunterLab(76.9025, 38.6226,  
-24.8772)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFAFFF
RGB	255, 175, 255
RGB Percent	100%, 69%, 100%
CMY	0.0000, 0.3137, 0.0000
CMYK	0.00, 0.31, 0.00, 0.00
HSL	300°, 100%, 84%
HSV	300°, 31%, 100%
XYZ	74.6200, 59.1399, 102.0900
YIQ	208.0400, 22.0000, 41.8400

# Conversions

## Conversions Part 2

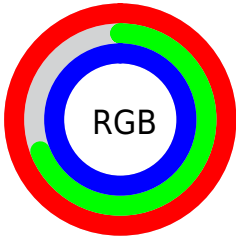
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 175, 255
Decimal	16756735
CIE Lab	81.37, 41.56, -27.87
CIE LCh	81, 50.043, 326.153
Yxy	59.1422, 0.3164, 0.2508
Android (android.graphics.Color)	4294946815 (0xFFFFAFFF)
YUV	208.0400, 23.1513, 41.1839
Hunter-Lab	76.9025, 38.6226, -24.8772

# Details

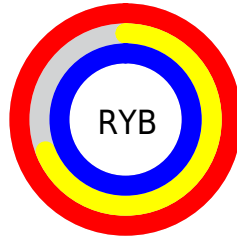
The HunterLab color **76.9025, 38.6226, -24.8772** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **91.5041, -40.7885, 29.3893**, and the grayscale version is **79.3358, -4.2332, 4.3105**.

A 20% lighter version of the original color is **92.8403, 7.0051, -3.0883**, and **54.4264, 36.1252, -24.0306** is the 20% darker color. If you saturate the color by 10%, you get **70.8063, 52.8530, -34.6645**, and if you desaturate by 10%, it is **83.6799, 24.3420, -15.0435**.

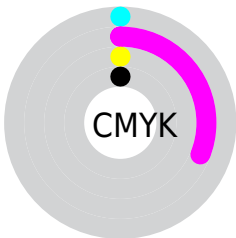
# Distribution



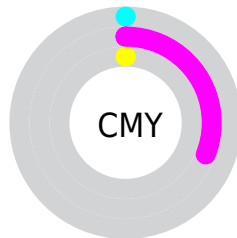
- Red (100%)
- Green (69%)
- Blue (100%)



- Red (100%)
- Yellow (69%)
- Blue (100%)



- Cyan (0%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)




- Cyan (0%)
- Magenta (31%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.9025, 38.6226, -24.8772 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 76.9025, 38.6226, -24.8772 by changing the saturation by 10% instead.




 76.9025, 38.6226,  
-24.8772

 76.9025, 38.6226,  
-24.8772

205.2872, 45.6201,  
-26.1734

 65.3663, 37.4274,  
-24.4675


 101.7764, 40.7128,  
-25.5206

 54.4715, 36.1279,  
-24.0044


115.0567, 41.6282,  
-25.7610

 44.2598, 34.7130,  
-23.4905


128.8693, 42.4644,  
-25.9490

 34.7806, 33.1763,  
-22.9391

143.1941, 43.2265,  
-26.0867

 26.0954, 31.5188,  
-22.3832

158.0136, 43.9192,  
-26.1760

 18.2849, 29.7656,  
-21.9069


173.3118, 44.5466,

 11.4609, 28.0287,


-26.2190


-21.7550


189.0741, 45.1125,  
-26.2176


 3.8940, 48.1999,  
-37.3331


0.0000, INF, -NF


 76.9025, 38.6226,  
-24.8772


 76.9025, 38.6226,  
-24.8772


 70.8063, 52.8530,  
-34.6645


 83.6799, 24.3420,  
-15.0435

 65.4956, 66.6156,  
-44.1195

 91.0362, 10.2687,  
-5.3403

 61.0822, 79.2714,  
-52.8056

 98.8892, -3.4800,  
4.1511

 57.6592, 90.0220,  
-60.1783

100.0000, -5.3358,  
5.4332

■ 55.2754, 98.0806,  
-65.7015

■ 53.9018, 102.9658,  
-69.0484

■ 53.3667, 104.9207,  
-70.3875

# Harmonies

## Analogous

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



76.9039, 17.5637, -47.2799



76.9025, 38.6226, -24.8772



76.9039, 48.2181, 1.1473

# Triad

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



76.9039, 38.6194, -24.8750



76.9039, -0.9510, 36.6146



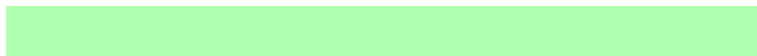
76.9039, -41.6769, -18.0664

# Complementary

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



76.9025, 38.6226, -24.8772



91.5041, -40.7885, 29.3893

# 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.



76.9039, -45.3535, 7.1057



76.9025, 38.6226, -24.8772



76.9039, -23.6165, 34.3258

# Square

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



76.9039, 38.6194, -24.8750



76.9039, 23.6520, 32.6838



76.9039, -39.1575, 25.0360



76.9039, -28.4143, -42.5688



# Rectangle

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



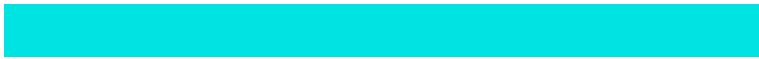
76.9025, 38.6226, -24.8772



76.9039, 46.0515, 15.5414



76.9039, -39.1575, 25.0360



76.9039, -43.9982, -9.2178

# Sweetspot

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



76.9039, 38.6194, -24.8750



92.8555, 6.9780, -3.0696



68.5542, 12.9832, -39.3527



42.4410, 4.1618, -2.0643

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



76.9039, 38.6194, -24.8750



72.7790, 48.0830, -31.3851



75.3848, 31.0730, -3.5698



42.7790, 3.5516, -1.6432



38.5764, 75.8426, -50.8800



12.0372, 23.6656, -15.8764



# Inverse Universe

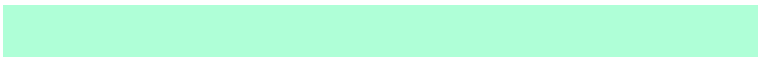
The Inverse Universe completely reimagines the original color for something new.



76.9039, 38.6194, -24.8750



72.7790, 48.0830, -31.3851



92.4884, -35.0429, 15.1629



42.7790, 3.5516, -1.6432



38.5764, 75.8426, -50.8800



12.0372, 23.6656, -15.8764



# Previews

## White Background



This preview shows how the HunterLab color 76.9025, 38.6226, -24.8772 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

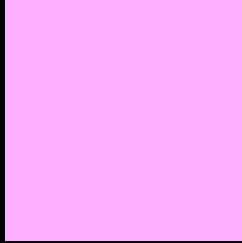
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 76.9025, 38.6226, -24.8772 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

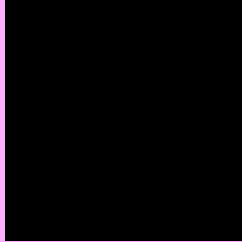
Any Text WCAG AA ✓ Pass

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 76.9025, 38.6226, -24.8772 Background



This preview shows how black text looks on a background with the HunterLab color 76.9025, 38.6226, -24.8772.



This preview shows how white text looks on a background with the HunterLab color 76.9025, 38.6226, -24.8772.

-24.8772.

# 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

76.9025, 38.6226, -24.8772

### Protanopia

77.2558, 2.6832, -24.9551

### Deuteranopia

77.0448, 6.2562, -22.6504



## Tritanopia

76.9704, 19.9739, 5.6867

# Trichromacy



## Original Color

76.9025, 38.6226, -24.8772



## Protanomaly

76.7570, 14.6273, -25.5253



## Deuteranomaly

76.7563, 17.2962, -23.5390



## Tritanomaly

76.8976, 26.5945, -4.3567

# Monochromacy



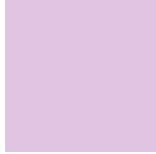
## Original Color

76.9025, 38.6226, -24.8772



## Achromatopsia

79.4202, -4.2377, 4.3151



## Achromatomaly

78.0536, 10.6404, -5.8274

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 76.9025, 38.6226, -24.8772 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, 175, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 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(255, 175, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 76.9025, 38.6226, -24.8772 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, 175, 255) }
```



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

```
.border{ border-color:rgb(255, 175, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 175, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 76.9025, 38.6226, -24.8772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 255) }
```

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

```
.background{ background-color: rgb(255,  
175, 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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