

# Converting Colors

HunterLab(78.0291, 33.6957,  
-44.9610)

Have a look what the booklet for  
HunterLab(78.0291, 33.6957,  
-44.9610) contains.

<b>HunterLab(76.5372, 26.7839, -25.6577)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(76.5372, 26.7839,  
-25.6577)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EAB7FF
RGB	234, 183, 255
RGB Percent	92%, 72%, 100%
CMY	0.0823, 0.2823, 0.0000
CMYK	0.08, 0.28, 0.00, 0.00
HSL	283°, 100%, 86%
HSV	283°, 28%, 100%
XYZ	68.9152, 58.5794, 102.2825
YIQ	206.4570, 7.2840, 33.2040

# Conversions

## Conversions Part 2

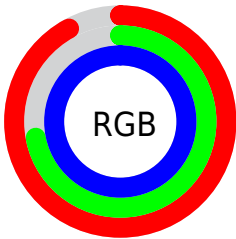
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">234, 183, 255</a>
Decimal	<a href="#">15382527</a>
CIELab	<a href="#">81.06, 30.83, -28.53</a>
CIElCh	<a href="#">81, 42.000, 317.217</a>
Yxy	<a href="#">58.5818, 0.2999, 0.2549</a>
Android (android.graphics.Color)	<a href="#">4293572607 (0xFFEAB7FF)</a>
YUV	<a href="#">206.4570, 23.9317, 24.1552</a>
Hunter-Lab	<a href="#">76.5372, 26.7839, -25.6577</a>

# Details

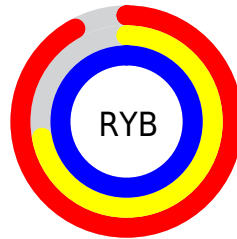
The HunterLab color  $76.5372, 26.7839, -25.6577$  is a light color, and the websafe version is hex  $\text{FFCCFF}$ . A complement of this color would be  $93.6893, -32.0943, 28.8164$ , and the grayscale version is  $78.6583, -4.1970, 4.2737$ .

A 20% lighter version of the original color is  $94.9805, 3.2181, -0.4744$ , and  $54.0765, 25.5292, -24.8082$  is the 20% darker color. If you saturate the color by 10%, you get  $69.1125, 38.4964, -37.9010$ , and if you desaturate by 10%, it is  $84.4729, 15.2092, -14.0855$ .

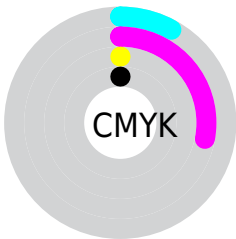
# Distribution



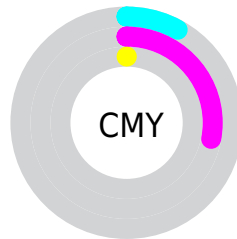
- Red (92%)
- Green (72%)
- Blue (100%)



- Red (92%)
- Yellow (72%)
- Blue (100%)



- Cyan (8%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (28%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.5372, 26.7839, -25.6577 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 76.5372, 26.7839, -25.6577 by changing the saturation by 10% instead.



76.5372, 26.7839,  
-25.6577

76.5372, 26.7839,  
-25.6577

204.7805, 30.4524,  
-27.1275

65.0205, 26.0056,  
-25.2292

101.3754, 28.0722,  
-26.3397

54.1460, 25.1303,  
-24.7487

114.6390, 28.6007,  
-26.5999

43.9562, 24.1453,  
-24.2199

128.4354, 29.0592,  
-26.8076

34.5004, 23.0385,  
-23.6579

142.7448, 29.4527,  
-26.9648

25.8409, 21.7973,  
-23.1000

157.5493, 29.7852,  
-27.0735

18.0589, 20.4144,  
-22.6399


172.8329, 30.0606,

11.2677, 18.9120,


-27.1356


-22.5499


188.5811, 30.2820,  
-27.1531


 3.4276, 39.0154,  
-43.4018


0.0000, NaN, -NF

 76.5372, 26.7839,  
-25.6577


 76.5372, 26.7839,  
-25.6577

 69.1125, 38.4964,  
-37.9010


 84.4729, 15.2092,  
-14.0855

 62.2927, 50.1775,  
-50.7845

 92.8362, 3.8485,  
-3.1488

 56.1992, 61.4727,  
-64.1049

100.0000, -5.3358,  
5.4332

 50.9694, 71.7745,  
-77.3886

■ 46.7398, 80.2006,  
-89.8062

■ 43.6075, 85.7614,  
-100.2594

■ 41.5400, 87.9138,  
-107.8976

■ 41.2296, 88.1181,  
-109.1022

# Harmonies

## Analogous

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



76.5388, 7.8352, -40.5694



76.5372, 26.7839, -25.6577



76.5388, 37.9071, -4.5308

# Triad

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



76.5388, 26.7818, -25.6552



76.5388, 4.7587, 32.2916



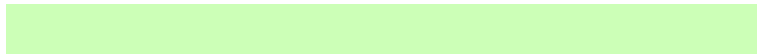
76.5388, -37.9765, -7.6838

# Complementary

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



76.5372, 26.7839, -25.6577



93.6893, -32.0943, 28.8164

# 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.



76.5388, -38.6152, 11.9490



76.5372, 26.7839, -25.6577



76.5388, -15.3233, 31.8638

# Square

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



76.5388, 26.7818, -25.6552



76.5388, 24.3279, 26.7500



76.5388, -30.7282, 25.3725



76.5388, -28.8813, -28.4765



# Rectangle

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



76.5372, 26.7839, -25.6577



76.5388, 38.7032, 8.6941



76.5388, -30.7282, 25.3725



76.5388, -39.1509, -0.6564

# Sweetspot

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



76.5388, 26.7818, -25.6552



93.0359, 3.5861, -2.9006



77.9494, -0.5804, -23.9388



42.4485, 2.4428, -2.0849

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



76.5388, 26.7818, -25.6552



72.1885, 33.5280, -32.6343



78.3940, 31.2879, -13.8495



42.4485, 2.4428, -2.0849



29.9376, 63.8703, -78.3372



9.6373, 20.3156, -23.3177



# Inverse Universe

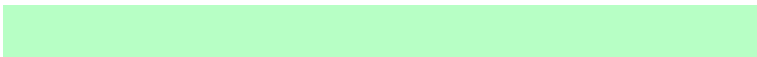
The Inverse Universe completely reimagines the original color for something new.



77.1290, 24.8824, 4.0467



72.9744, 31.2627, 4.2433



92.5406, -35.7700, 22.3977



42.5138, 2.1306, 2.1270



33.7523, 58.6414, 15.3020



10.6173, 18.6122, 3.5285



# Previews

## White Background



This preview shows how the HunterLab color 76.5372, 26.7839, -25.6577 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

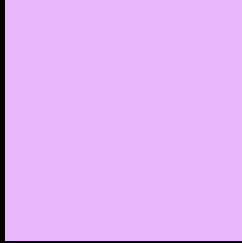
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 76.5372, 26.7839, -25.6577 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

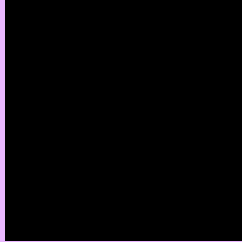
Any Text WCAG AA ✓ Pass

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 76.5372, 26.7839, -25.6577 Background



This preview shows how black text looks on a background with the HunterLab color 76.5372, 26.7839, -25.6577.



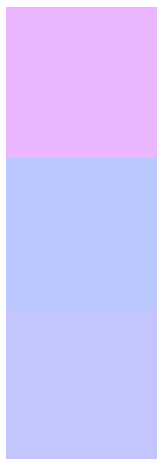
This preview shows how white text looks on a background with the HunterLab color 76.5372, 26.7839, -25.6577.

-25.6577.

# 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

76.5372, 26.7839, -25.6577

### Protanopia

76.8722, 2.9331, -25.5494

### Deuteranopia

76.8235, 5.5976, -23.6401



## Tritanopia

76.5083, 10.2732, 1.5775

# Trichromacy



## Original Color

76.5372, 26.7839, -25.6577



## Protanomaly

76.5774, 11.0780, -25.8694



## Deuteranomaly

76.6727, 12.7106, -24.3925



## Tritanomaly

76.5506, 15.9361, -7.1708

# Monochromacy



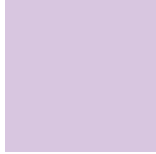
## Original Color

76.5372, 26.7839, -25.6577



## Achromatopsia

78.5625, -4.1919, 4.2684



## Achromatomaly

77.6974, 6.3920, -5.8251

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 76.5372, 26.7839, -25.6577 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(234, 183, 255)` looks like.

```
.text, #text, p{  
    color:rgb(234, 183, 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(234, 183, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 183, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 76.5372, 26.7839, -25.6577 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(234, 183, 255) }
```



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

```
.border{ border-color:rgb(234, 183, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 183, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 183, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 183, 255);  
box-shadow:4px 4px 4px 4px rgb(234, 183,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 76.5372, 26.7839, -25.6577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 183, 255) }
```

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

```
.background{ background-color: rgb(234,  
183, 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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