

# Converting Colors

HunterLab(80.7406, 46.6355,  
-77.3648)

Have a look what the booklet for  
HunterLab(80.7406, 46.6355,  
-77.3648) contains.

<b>HunterLab(76.8710, 27.8084, -25.1158)</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(76.8710, 27.8084,  
-25.1158)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EDB7FF
RGB	237, 183, 255
RGB Percent	93%, 72%, 100%
CMY	0.0706, 0.2823, 0.0000
CMYK	0.07, 0.28, 0.00, 0.00
HSL	285°, 100%, 86%
HSV	285°, 28%, 100%
XYZ	69.9085, 59.0915, 102.3289
YIQ	207.3540, 9.0720, 33.8400

# Conversions

## Conversions Part 2

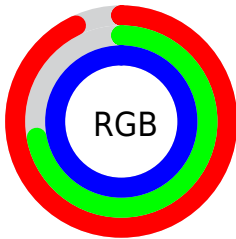
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	237, 183, 255
Decimal	15579135
CIE Lab	81.34, 31.76, -28.07
CIE LCh	81, 42.385, 318.526
Yxy	59.0940, 0.3022, 0.2554
Android (android.graphics.Color)	4293769215 (0xFFEDB7FF)
YUV	207.3540, 23.4895, 25.9995
Hunter-Lab	76.8710, 27.8084, -25.1158

# Details

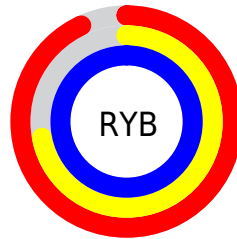
The HunterLab color  $76.8710, 27.8084, -25.1158$  is a light color, and the websafe version is hex  $\text{FFCCFF}$ . A complement of this color would be  $93.4650, -32.9406, 28.5953$ , and the grayscale version is  $79.0442, -4.2176, 4.2946$ .

A 20% lighter version of the original color is  $94.9805, 3.2181, -0.4744$ , and  $54.2964, 26.1775, -24.4241$  is the 20% darker color. If you saturate the color by 10%, you get  $69.5932, 39.8711, -37.0201$ , and if you desaturate by 10%, it is  $84.6760, 15.8675, -13.7894$ .

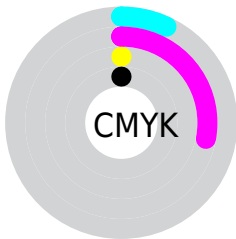
# Distribution



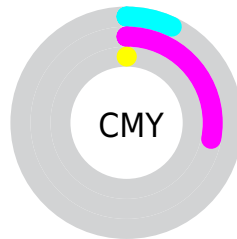
- Red (93%)
- Green (72%)
- Blue (100%)



- Red (93%)
- Yellow (72%)
- Blue (100%)



- Cyan (7%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)




- Cyan (7%)
- Magenta (28%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.8710, 27.8084, -25.1158 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 76.8710, 27.8084, -25.1158 by changing the saturation by 10% instead.




 76.8710, 27.8084,  
-25.1158

 76.8710, 27.8084,  
-25.1158


205.2438, 31.7578,  
-26.4616

 65.3366, 26.9949,  
-24.7006

 101.7419, 29.1644,  
-25.7700

 54.4435, 26.0837,  
-24.2325


115.0209, 29.7256,  
-26.0161

 44.2338, 25.0621,  
-23.7143


128.8320, 30.2159,  
-26.2098

 34.7565, 23.9184,  
-23.1597

143.1556, 30.6405,  
-26.3530

 26.0735, 22.6407,  
-22.6028

157.9738, 31.0034,  
-26.4479

 18.2655, 21.2235,  
-22.1300


173.2707, 31.3085,

 11.4443, 19.6931,


-26.4964


-21.9922


189.0318, 31.5590,  
-26.5004


 3.8562, 35.7834,  
-38.0734

0.0000, NaN, -NF


 76.8710, 27.8084,  
-25.1158


 76.8710, 27.8084,  
-25.1158

 69.5932, 39.8711,  
-37.0201


 84.6760, 15.8675,  
-13.7894

 62.9377, 51.8612,  
-49.4346

 92.9229, 4.1416,  
-3.0338

 57.0255, 63.3914,  
-62.1160

100.0000, -5.3358,  
5.4332

 51.9893, 73.8255,  
-74.5651

■ 47.9562, 82.2798,  
-85.9761

■ 45.0080, 87.8151,  
-95.3577

■ 43.0973, 89.9745,  
-102.0227

■ 42.8125, 90.1815,  
-103.0602

# Harmonies

## Analogous

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



76.8726, 8.8600, -40.6840



76.8710, 27.8084, -25.1158



76.8726, 38.5901, -3.6768

# Triad

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



76.8726, 27.8062, -25.1134



76.8726, 3.9155, 32.6644



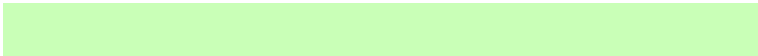
76.8726, -38.1072, -8.7464

# Complementary

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



76.8710, 27.8084, -25.1158



93.4650, -32.9406, 28.5953

# 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.



76.8726, -39.1324, 11.2941



76.8710, 27.8084, -25.1158



76.8726, -16.2655, 31.9793

# Square

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



76.8726, 27.8062, -25.1134



76.8726, 23.8607, 27.3611



76.8726, -31.5351, 25.1526



76.8726, -28.5699, -29.6535



# Rectangle

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



76.8710, 27.8084, -25.1158



76.8726, 39.0169, 9.5527



76.8726, -31.5351, 25.1526



76.8726, -39.4187, -1.6013

# Sweetspot

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



76.8726, 27.8062, -25.1134



93.1200, 3.8709, -2.7893



76.8525, 1.3060, -25.6088



42.4951, 2.5997, -2.0224

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



76.8726, 27.8062, -25.1134



72.6049, 34.7579, -31.9105



78.2583, 30.6054, -11.9436



42.4951, 2.5997, -2.0224



31.0669, 65.3462, -74.0567



9.9557, 20.7390, -22.1670



# Inverse Universe

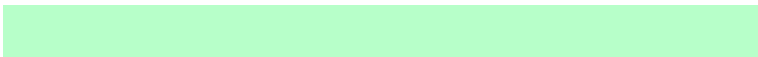
The Inverse Universe completely reimagines the original color for something new.



77.0365, 24.4102, 5.3667



72.8648, 30.7144, 5.8092



92.6311, -35.2447, 21.0913



42.4989, 2.0505, 2.3394



33.6462, 58.2497, 16.8609



10.5776, 18.4663, 4.1072



# Previews

## White Background



This preview shows how the HunterLab color 76.8710, 27.8084, -25.1158 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

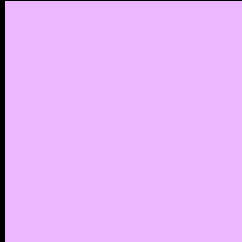
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 76.8710, 27.8084, -25.1158 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

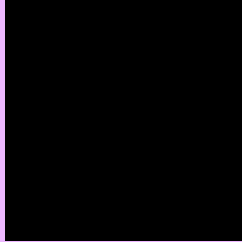
Any Text WCAG AA ✓ Pass

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 76.8710, 27.8084, -25.1158 Background



This preview shows how black text looks on a background with the HunterLab color 76.8710, 27.8084, -25.1158.



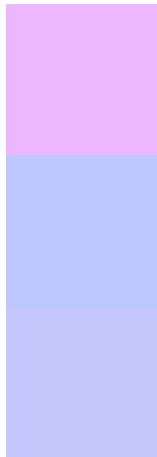
This preview shows how white text looks on a background with the HunterLab color 76.8710, 27.8084, -25.1158.

-25.1158.

# 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

76.8710, 27.8084, -25.1158

### Protanopia

76.9545, 3.2116, -25.4158

### Deuteranopia

76.9979, 6.1815, -23.3615



## Tritanopia

76.8292, 11.3272, 1.9848

# Trichromacy



## Original Color

76.8710, 27.8084, -25.1158



## Protanomaly

76.7629, 11.6858, -25.5675



## Deuteranomaly

76.9603, 13.6460, -23.9304



## Tritanomaly

76.8769, 16.9837, -6.7196

# Monochromacy



## Original Color

76.8710, 27.8084, -25.1158



## Achromatopsia

78.9912, -4.2148, 4.2917



## Achromatomaly

77.8944, 7.0497, -5.5561

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 76.8710, 27.8084, -25.1158 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(237, 183, 255)` looks like.

```
.text, #text, p{  
    color:rgb(237, 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(237, 183, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 183, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 76.8710, 27.8084, -25.1158 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(237, 183, 255) }
```



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

```
.border{ border-color:rgb(237, 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(237, 183, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 183, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 183, 255);  
box-shadow:4px 4px 4px 4px rgb(237, 183,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 76.8710, 27.8084, -25.1158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 183, 255) }
```

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

```
.background{ background-color: rgb(237,  
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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