

# Converting Colors

HunterLab(78.2908, 22.3253,  
-10.8788)

Have a look what the booklet for  
HunterLab(78.2908, 22.3253,  
-10.8788) contains.

<b>HunterLab(78.2755, 22.2151, -10.9118)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(78.2755, 22.2151,  
-10.9118)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2BDEB
RGB	242, 189, 235
RGB Percent	95%, 74%, 92%
CMY	0.0510, 0.2588, 0.0784
CMYK	0.00, 0.22, 0.03, 0.05
HSL	308°, 67%, 85%
HSV	308°, 22%, 95%
XYZ	69.8109, 61.2705, 86.7442
YIQ	210.0910, 16.8220, 25.5420

# Conversions

## Conversions Part 2

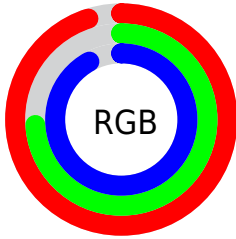
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	242, 189, 235
Decimal	15908331
CIE <sub>Lab</sub>	82.53, 26.45, -15.54
CIE <sub>LCh</sub>	83, 30.677, 329.574
Yxy	61.2732, 0.3205, 0.2813
Android (android.graphics.Color)	4294098411 (0xFFFF2BDEB)
YUV	210.0910, 12.2801, 27.9842
Hunter-Lab	78.2755, 22.2151, -10.9118

# Details

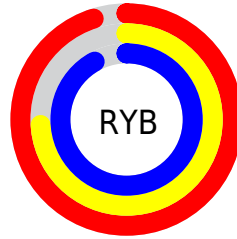
The HunterLab color  $78.2755, 22.2151, -10.9118$  is a light color, and the websafe version is hex  $FFCCFF$ . A complement of this color would be  $88.4931, -28.3812, 19.0397$ , and the grayscale version is  $80.2639, -4.2827, 4.3609$ .

A 20% lighter version of the original color is  $97.1553, -0.5419, 2.1218$ , and  $55.5850, 20.9285, -10.8729$  is the 20% darker color. If you saturate the color by 10%, you get  $71.7862, 34.9459, -18.0880$ , and if you desaturate by 10%, it is  $85.2960, 9.6233, -3.6050$ .

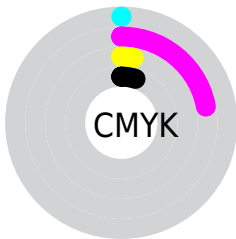
# Distribution



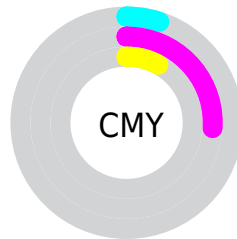
- Red (95%)
- Green (74%)
- Blue (92%)



- Red (95%)
- Yellow (74%)
- Blue (92%)



- Cyan (0%)
- Magenta (22%)
- Yellow (3%)
- Black (5%)



- Cyan (5%)
- Magenta (26%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 78.2755, 22.2151, -10.9118 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 78.2755, 22.2151, -10.9118 by changing the saturation by 10% instead.



78.2755, 22.2151,  
-10.9118

78.2755, 22.2151,  
-10.9118

207.1896, 24.3907,  
-8.8317

66.6676, 21.6304,  
-10.8961

103.2833, 23.1354,  
-10.7699

55.6966, 20.9561,  
-10.8203

116.6263, 23.4890,  
-10.6229

45.4036, 20.1795,  
-10.6781

130.4990, 23.7780,  
-10.4287

35.8368, 19.2877,  
-10.4645

144.8819, 24.0068,  
-10.1899

27.0562, 18.2659,  
-10.1758

159.7575, 24.1793,  
-9.9089

19.1396, 17.0986,  
-9.8136

175.1101, 24.2989,

12.1944, 15.7801,

-9.5876

-9.4009

190.9251, 24.3685,  
-9.2280

■ 5.2875, 21.5822,  
-12.6298

0.0000, NaN, -NF

■ 78.2755, 22.2151,  
-10.9118

■ 78.2755, 22.2151,  
-10.9118

■ 71.7862, 34.9459,  
-18.0880

■ 85.2960, 9.6233,  
-3.6050

■ 65.9138, 47.6053,  
-24.9724

■ 92.7661, -2.7166,  
3.7287

■ 60.7623, 59.8133,  
-31.3070

■ 98.4709, -11.3592,  
8.6616

■ 56.4383, 70.9997,  
-36.7379

■ 98.5706, -10.8069,  
7.2363

■ 53.0356, 80.4333,  
-40.8469

■ 98.6719, -10.2463,  
5.7894

■ 50.6093, 87.3738,  
-43.2527

■ 98.7749, -9.6773,  
4.3208

■ 49.1417, 91.3495,  
-43.7702

■ 98.8016, -9.5301,  
3.9409

■ 48.5102, 92.6707,  
-43.0363

# Harmonies

## Analogous

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



78.2772, 10.5354, -23.4848



78.2755, 22.2151, -10.9118



78.2772, 26.7264, 4.0570

# Triad

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



78.2772, 22.2128, -10.9101



78.2772, -3.9668, 26.9909



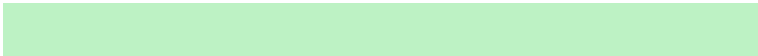
78.2772, -27.6712, -10.4910

# Complementary

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



78.2755, 22.2151, -10.9118



88.4931, -28.3812, 19.0397

# 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.



78.2772, -30.9306, 4.4641



78.2755, 22.2151, -10.9118



78.2772, -17.8844, 24.5272

# Square

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



78.2772, 22.2128, -10.9101



78.2772, 10.9334, 24.3823



78.2772, -27.4831, 16.8959



78.2772, -18.2288, -23.2126



# Rectangle

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



78.2755, 22.2151, -10.9118



78.2772, 24.8226, 12.8890



78.2772, -27.4831, 16.8959



78.2772, -29.4933, -5.4772

# Sweetspot

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



78.2772, 22.2128, -10.9101



94.3315, 3.7859, -0.0276



73.7805, 8.2550, -21.8991



43.4205, 2.1187, -0.2308

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



78.2772, 22.2128, -10.9101



80.1218, 29.2043, -14.7822



77.3914, 17.6342, 1.6247



39.9917, 3.0324, -0.8380



35.5757, 67.9947, -31.8181



10.3091, 19.7803, -9.8161



# Inverse Universe

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



78.2772, 22.2128, -10.9101



80.1218, 29.2043, -14.7822



89.2086, -24.2879, 8.7609



39.9917, 3.0324, -0.8380



35.5757, 67.9947, -31.8181



10.3091, 19.7803, -9.8161



# Previews

## White Background



This preview shows how the HunterLab color 78.2755, 22.2151, -10.9118 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

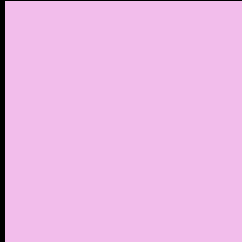
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 78.2755, 22.2151, -10.9118 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

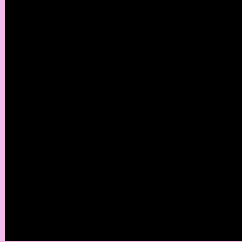
Any Text WCAG AA ✓ Pass

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 78.2755, 22.2151, -10.9118 Background



This preview shows how black text looks on a background with the HunterLab color 78.2755, 22.2151, -10.9118.



This preview shows how white text looks on a background with the HunterLab color 78.2755, 22.2151, -10.9118.

-10.9118.

# 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

78.2755, 22.2151, -10.9118

### Protanopia

78.5166, 1.5014, -16.8247

### Deuteranopia

78.3185, 6.0800, -9.9946



## Tritanopia

78.3353, 13.4427, 2.8493

# Trichromacy



## Original Color

78.2755, 22.2151, -10.9118

## Protanomaly

78.3223, 8.2049, -14.5914

## Deuteranomaly

78.2737, 12.0074, -10.5209

## Tritanomaly

78.1741, 16.4116, -1.8489

# Monochromacy



## Original Color

78.2755, 22.2151, -10.9118

## Achromatopsia

80.2795, -4.2835, 4.3617

## Achromatomaly

79.3001, 5.3546, -1.1488

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 78.2755, 22.2151, -10.9118 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(242, 189, 235)` looks like.

```
.text, #text, p{  
    color:rgb(242, 189, 235)  
}
```

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(242, 189, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 189, 235) }
```

## Border

The CSS property to change the border of an element to HunterLab 78.2755, 22.2151, -10.9118 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(242, 189, 235) }
```



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

```
.border{ border-color:rgb(242, 189, 235) }
```

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

Here you see how a box with a 4 pixel rgb(242, 189, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 189, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 189, 235);  
box-shadow:4px 4px 4px 4px rgb(242, 189,  
235) }
```

# Background

The CSS property to change the background color of an element to HunterLab 78.2755, 22.2151, -10.9118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 189, 235) }
```

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

```
.background{ background-color: rgb(242,  
189, 235) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor