

# Converting Colors

HunterLab(78.2335, 21.8186,  
-5.6742)

Have a look what the booklet for  
HunterLab(78.2335, 21.8186,  
-5.6742) contains.

<b>HunterLab(78.2935, 21.6236, -5.8648)</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(78.2935, 21.6236,  
-5.8648)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5BDE2
RGB	245, 189, 226
RGB Percent	96%, 74%, 89%
CMY	0.0392, 0.2588, 0.1137
CMYK	0.00, 0.23, 0.08, 0.04
HSL	320°, 74%, 85%
HSV	320°, 23%, 96%
XYZ	69.5813, 61.2987, 80.1161
YIQ	209.9620, 21.4990, 23.3790

# Conversions

## Conversions Part 2

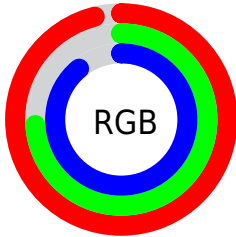
Format	Color
R <sub>Y</sub> B	245, 189, 226
Decimal	16104930
CIE Lab	82.54, 25.89, -10.66
CIE LCh	83, 28.001, 337.619
Yxy	61.3015, 0.3298, 0.2905
Android (android.graphics.Color)	4294295010 (0xFFF5BDE2)
YUV	209.9620, 7.9067, 30.7283
Hunter-Lab	78.2935, 21.6236, -5.8648

# Details

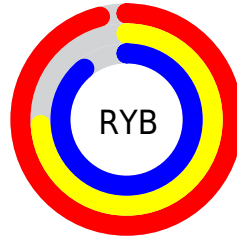
The HunterLab color **78.2935, 21.6236, -5.8648** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **89.8217, -27.9632, 15.4655**, and the grayscale version is **80.2253, -4.2806, 4.3588**.

A 20% lighter version of the original color is **97.1553, -0.5419, 2.1218**, and **55.6413, 20.5352, -6.4091** is the 20% darker color. If you saturate the color by 10%, you get **71.5476, 33.5556, -10.1141**, and if you desaturate by 10%, it is **85.5656, 9.7958, -1.2058**.

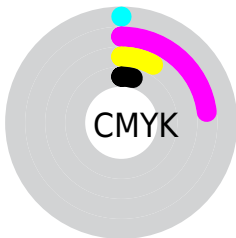
# Distribution



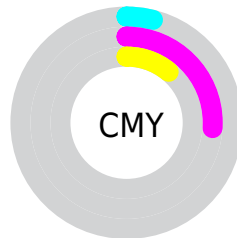
- Red (96%)
- Green (74%)
- Blue (89%)



- Red (96%)
- Yellow (74%)
- Blue (89%)



- Cyan (0%)
- Magenta (23%)
- Yellow (8%)
- Black (4%)




- Cyan (4%)
- Magenta (26%)
- Yellow (11%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 78.2935, 21.6236, -5.8648 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 78.2935, 21.6236, -5.8648 by changing the saturation by 10% instead.





 78.2935, 21.6236,  
-5.8648

 78.2935, 21.6236,  
-5.8648


207.2145, 23.6159,  
-2.3192

 66.6847, 21.0623,  
-6.0345


 103.3031, 22.4988,  
-5.3673

 55.7126, 20.4125,  
-6.1489


116.6469, 22.8310,  
-5.0496

 45.4187, 19.6611,  
-6.2011


130.5204, 23.0992,  
-4.6891

 35.8507, 18.7955,  
-6.1847

144.9040, 23.3078,  
-4.2883

 27.0689, 17.8005,  
-6.0919

159.7804, 23.4607,  
-3.8491

 19.1509, 16.6600,  
-5.9143

175.1336, 23.5611,

 12.2041, 15.3661,

-3.3735

-5.6463

190.9494, 23.6120,  
-2.8631

■ 5.3033, 21.0350,  
-8.0742

0.0000, NaN, NaN

■ 78.2935, 21.6236,  
-5.8648

■ 78.2935, 21.6236,  
-5.8648

■ 71.5476, 33.5556,  
-10.1141

■ 85.5656, 9.7958,  
-1.2058

■ 65.4160, 45.3977,  
-13.7898

■ 93.2812, -1.8243,  
3.7392

■ 60.0081, 56.7892,  
-16.6639

■ 98.9414, -9.2995,  
6.1427

■ 55.4390, 67.1757,  
-18.4624

■ 99.0720, -8.5789,  
4.2792

■ 51.8145, 75.8274,  
-18.9089

■ 49.2021, 81.9890,  
-17.8190

■ 47.5915, 85.1768,  
-15.2193

■ 46.9220, 85.9048,  
-12.6988

# Harmonies

## Analogous

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



78.2952, 12.5083, -18.2295



78.2935, 21.6236, -5.8648



78.2952, 23.5956, 7.5035

# Triad

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



78.2952, 21.6211, -5.8632



78.2952, -7.6348, 25.2060



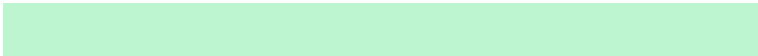
78.2952, -23.9229, -12.5790

# Complementary

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



78.2935, 21.6236, -5.8648



89.8217, -27.9632, 15.4655

# 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.



78.2952, -28.5564, 0.8753



78.2935, 21.6236, -5.8648



78.2952, -19.5813, 21.5850

# Square

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



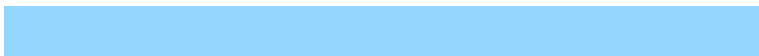
78.2952, 21.6211, -5.8632



78.2952, 6.0742, 24.0275



78.2952, -27.0232, 13.1926



78.2952, -13.9357, -22.5471



# Rectangle

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



78.2935, 21.6236, -5.8648



78.2952, 20.4816, 14.9848



78.2952, -27.0232, 13.1926



78.2952, -26.1259, -8.2316

# Sweetspot

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



78.2952, 21.6211, -5.8632



94.2079, 3.1199, 1.7301



75.0684, 12.7281, -21.7501



43.3582, 1.7834, 0.6551

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



78.2952, 21.6211, -5.8632



78.8966, 27.8701, -8.0660



77.3972, 16.9718, 6.9050



40.8254, 2.7125, 0.2006



34.4785, 63.1921, -9.8650



10.3149, 19.0686, -4.2185



# Inverse Universe

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



78.2952, 21.6211, -5.8632



78.8966, 27.8701, -8.0660



90.6433, -23.2732, 3.7039



40.8254, 2.7125, 0.2006



34.4785, 63.1921, -9.8650



10.3149, 19.0686, -4.2185



# Previews

## White Background



This preview shows how the HunterLab color 78.2935, 21.6236, -5.8648 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

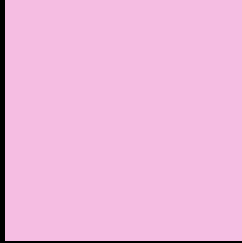
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 78.2935, 21.6236, -5.8648 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

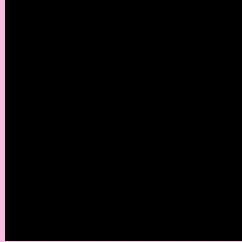
Any Text WCAG AA ✓ Pass

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 78.2935, 21.6236, -5.8648 Background



This preview shows how black text looks on a background with the HunterLab color 78.2935, 21.6236, -5.8648.



This preview shows how white text looks on a background with the HunterLab color 78.2935, 21.6236, -5.8648.

-5.8648.

# 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

78.2935, 21.6236, -5.8648

### Protanopia

78.4355, 0.5409, -11.6455

### Deuteranopia

78.3850, 5.6629, -4.9421



## Tritanopia

78.2681, 16.0019, 3.7908

# Trichromacy



## Original Color

78.2935, 21.6236, -5.8648



## Protanomaly

78.2764, 7.3822, -9.4635



## Deuteranomaly

78.2605, 11.3199, -5.5450



## Tritanomaly

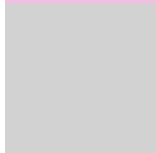
78.3261, 18.0716, 0.4238

# Monochromacy



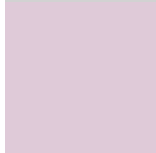
## Original Color

78.2935, 21.6236, -5.8648



## Achromatopsia

80.2795, -4.2835, 4.3617



## Achromatomaly

79.3013, 5.1609, 0.3834

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 78.2935, 21.6236, -5.8648 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(245, 189, 226)` looks like.

```
.text, #text, p{  
    color:rgb(245, 189, 226)  
}
```

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(245, 189, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 189, 226) }
```

## Border

The CSS property to change the border of an element to HunterLab 78.2935, 21.6236, -5.8648 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(245, 189, 226) }
```



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

```
.border{ border-color:rgb(245, 189, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 189, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 189, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 189, 226); box-shadow:4px 4px 4px 4px rgb(245, 189, 226) }
```

# Background

The CSS property to change the background color of an element to HunterLab 78.2935, 21.6236, -5.8648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 189, 226) }
```

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

```
.background{ background-color: rgb(245,  
189, 226) }
```

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