

# Converting Colors

HunterLab(77.7757, 15.8192,  
0.6027)

Have a look what the booklet for  
HunterLab(77.7757, 15.8192,  
0.6027) contains.

<b>HunterLab(77.6954, 15.9187, 0.6223)</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(77.6954, 15.9187,  
0.6223)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EFBFD4
RGB	239, 191, 212
RGB Percent	94%, 75%, 83%
CMY	0.0627, 0.2510, 0.1686
CMYK	0.00, 0.20, 0.11, 0.06
HSL	334°, 60%, 84%
HSV	334°, 20%, 94%
XYZ	66.1110, 60.3658, 70.4546
YIQ	207.7460, 21.8670, 16.7070

# Conversions

## Conversions Part 2

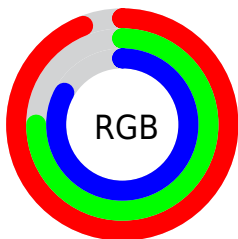
Format	Color
R <sub>Y</sub> B	239, 191, 212
Decimal	15712212
CIE Lab	82.04, 20.44, -3.96
CIE LCh	82, 20.817, 349.043
Yxy	60.3685, 0.3357, 0.3065
Android (android.graphics.Color)	4293902292 (0xFFEFBFD4)
YUV	207.7460, 2.0972, 27.4098
Hunter-Lab	77.6954, 15.9187, 0.6223

# Details

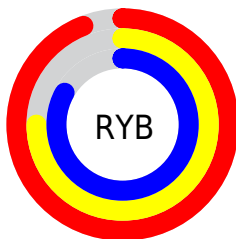
The HunterLab color  $77.6954, 15.9187, 0.6223$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $88.2456, -22.9307, 9.4074$ , and the grayscale version is  $79.2973, -4.2311, 4.3084$ .

A 20% lighter version of the original color is  $97.7828, -1.6112, 2.8603$ , and  $55.1298, 15.4215, -0.0647$  is the 20% darker color. If you saturate the color by 10%, you get  $70.8025, 26.5858, -0.9276$ , and if you desaturate by 10%, it is  $85.0673, 5.4126, 2.6415$ .

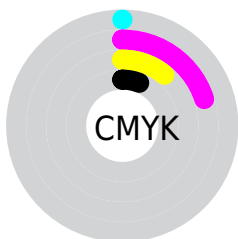
# Distribution



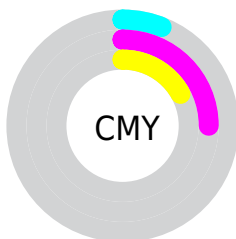
- Red (94%)
- Green (75%)
- Blue (83%)



- Red (94%)
- Yellow (75%)
- Blue (83%)



- Cyan (0%)
- Magenta (20%)
- Yellow (11%)
- Black (6%)



- Cyan (6%)
- Magenta (25%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.6954, 15.9187, 0.6223 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 77.6954, 15.9187, 0.6223 by changing the saturation by 10% instead.



77.6954, 15.9187,  
0.6223

77.6954, 15.9187,  
0.6223

206.3867, 16.1385,  
6.2961

66.1178, 15.5867,  
0.1733

102.6470, 16.3584,  
1.6467

55.1789, 15.1748,  
-0.2324

115.9636, 16.4832,  
2.2142

44.9201, 14.6703,  
-0.5894

129.8109, 16.5502,  
2.8164

35.3901, 14.0607,  
-0.8924

144.1694, 16.5633,  
3.4517

26.6496, 13.3298,  
-1.1347

159.0214, 16.5259,  
4.1185

18.7776, 12.4573,  
-1.3070


174.3510, 16.4409,

11.8832, 11.4209,


4.8156


-1.3953


190.1438, 16.3111,  
5.5418


 4.7500, 18.4952,  
-3.1944


0.0000, NaN, NaN


 77.6954, 15.9187,  
0.6223


 77.6954, 15.9187,  
0.6223


 70.8025, 26.5858,  
-0.9276


 85.0673, 5.4126,  
2.6415


 64.4709, 37.2912,  
-1.8875

 92.8417, -4.8742,  
5.0270

 58.8074, 47.7747,  
-2.1075

 98.4482, -10.9498,  
4.8392

 53.9303, 57.5972,  
-1.4324

 98.5347, -10.4711,  
3.6062

■ 49.9593, 66.1205,  
0.2584

■ 46.9897, 72.5919,  
2.9834

■ 45.0526, 76.3935,  
6.5893

■ 44.0018, 77.6513,  
10.6277

# Harmonies

## Analogous

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



77.6971, 11.1166, -8.9254



77.6954, 15.9187, 0.6223



77.6971, 15.1361, 10.0361

# Triad

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



77.6971, 15.9162, 0.6238



77.6971, -10.4046, 19.7869



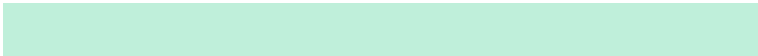
77.6971, -16.5118, -11.1082

# Complementary

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



77.6954, 15.9187, 0.6223



88.2456, -22.9307, 9.4074

# 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.



77.6971, -21.7208, -2.0636



77.6954, 15.9187, 0.6223



77.6971, -18.3217, 15.4226

# Square

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



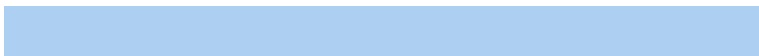
77.6971, 15.9162, 0.6238



77.6971, -0.4123, 20.3123



77.6971, -22.3659, 7.6699



77.6971, -7.8182, -16.2535



# Rectangle

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



77.6954, 15.9187, 0.6223



77.6971, 11.5670, 15.0205



77.6971, -22.3659, 7.6699



77.6971, -18.7090, -8.3731

# Sweetspot

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



77.6971, 15.9162, 0.6238



94.9114, 1.3004, 3.8431



76.3608, 13.5137, -16.1165



43.6581, 0.9383, 1.7014

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



77.6971, 15.9162, 0.6238



80.5930, 21.7115, -0.0640



77.7381, 11.2834, 10.5038



39.8418, 2.2290, 1.2932



32.7489, 57.8662, 7.3415



9.5491, 17.0676, 0.6324



# Inverse Universe

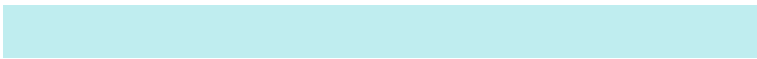
The Inverse Universe completely reimagines the original color for something new.



77.6971, 15.9162, 0.6238



80.5930, 21.7115, -0.0640



88.1174, -18.0047, -0.9642



39.8418, 2.2290, 1.2932



32.7489, 57.8662, 7.3415



9.5491, 17.0676, 0.6324



# Previews

## White Background



This preview shows how the HunterLab color 77.6954, 15.9187, 0.6223 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

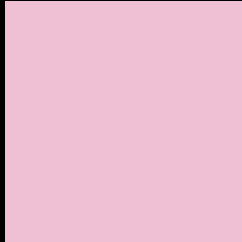
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 77.6954, 15.9187, 0.6223 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

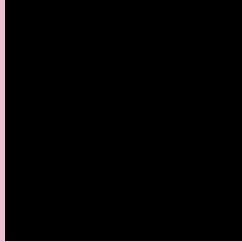
Any Text WCAG AA ✓ Pass

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 77.6954, 15.9187, 0.6223 Background



This preview shows how black text looks on a background with the HunterLab color 77.6954, 15.9187, 0.6223.



This preview shows how white text looks on a background with the HunterLab color 77.6954, 15.9187,

0.6223.

# 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

77.6954, 15.9187, 0.6223

### Protanopia

77.8869, -0.9861, -3.0398

### Deuteranopia

77.7583, 5.7225, 1.0236



## Tritanopia

77.7055, 14.1838, 3.0885

# Trichromacy



## Original Color

77.6954, 15.9187, 0.6223

## Protanomaly

77.8180, 4.7352, -1.4638

## Deuteranomaly

77.6063, 9.7097, 0.9078

## Tritanomaly

77.7688, 14.5156, 2.1864

# Monochromacy



## Original Color

77.6954, 15.9187, 0.6223

## Achromatopsia

79.4202, -4.2377, 4.3151

## Achromatomaly

78.6795, 2.6131, 3.0715

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 77.6954, 15.9187, 0.6223 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(239, 191, 212)` looks like.

```
.text, #text, p{  
    color:rgb(239, 191, 212)  
}
```

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(239, 191, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 191, 212) }
```

## Border

The CSS property to change the border of an element to HunterLab 77.6954, 15.9187, 0.6223 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(239, 191, 212) }
```



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

```
.border{ border-color:rgb(239, 191, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 191, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 191, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 191, 212);  
box-shadow:4px 4px 4px 4px rgb(239, 191,  
212) }
```

# Background

The CSS property to change the background color of an element to HunterLab 77.6954, 15.9187, 0.6223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 191, 212) }
```

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

```
.background{ background-color: rgb(239,  
191, 212) }
```

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