

# Converting Colors

HunterLab(78.7913, 21.3767,  
24.1055)

Have a look what the booklet for  
HunterLab(78.7913, 21.3767,  
24.1055) contains.

<b>HunterLab(77.2850, 15.9890, 22.7390)</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(77.2850, 15.9890,  
22.7390)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFBC9F
RGB	255, 188, 159
RGB Percent	100%, 74%, 62%
CMY	0.0000, 0.2627, 0.3765
CMYK	0.00, 0.26, 0.38, 0.00
HSL	18°, 100%, 81%
HSV	18°, 38%, 100%
XYZ	65.4813, 59.7297, 40.8787
YIQ	204.7270, 49.2410, 5.1850

# Conversions

## Conversions Part 2

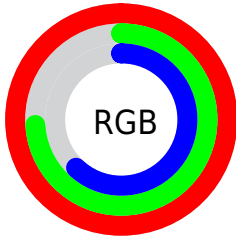
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 201, 159
Decimal	16759967
CIE <sub>Lab</sub>	81.69, 20.52, 24.15
CIE <sub>LCh</sub>	82, 31.690, 49.656
Yxy	59.7326, 0.3942, 0.3596
Android (android.graphics.Color)	4294950047 (0xFFFFBC9F)
YUV	204.7270, -22.5434, 44.0894
Hunter-Lab	77.2850, 15.9890, 22.7390

# Details

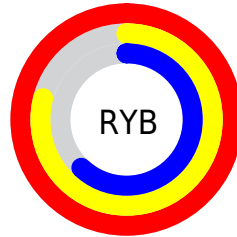
The HunterLab color **77.2850, 15.9890, 22.7390** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **83.0548, -17.3764, -16.6634**, and the grayscale version is **78.0975, -4.1671, 4.2432**.

A 20% lighter version of the original color is **95.2976, -6.1950, 19.0330**, and **54.6329, 15.2962, 18.8366** is the 20% darker color. If you saturate the color by 10%, you get **71.9695, 22.6748, 26.3133**, and if you desaturate by 10%, it is **82.9392, 9.7446, 18.6628**.

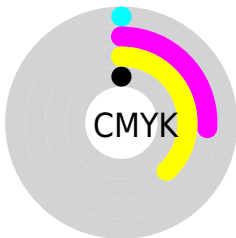
# Distribution



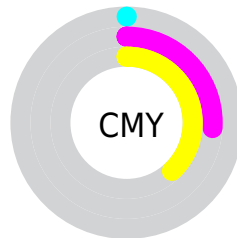
- Red (100%)
- Green (74%)
- Blue (62%)



- Red (100%)
- Yellow (79%)
- Blue (62%)



- Cyan (0%)
- Magenta (26%)
- Yellow (38%)
- Black (0%)




- Cyan (0%)
- Magenta (26%)
- Yellow (38%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.2850, 15.9890, 22.7390 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 77.2850, 15.9890, 22.7390 by changing the saturation by 10% instead.





 77.2850, 15.9890,  
22.7390

 77.2850, 15.9890,  
22.7390


205.8182, 16.2505,  
38.7890

 65.7291, 15.6501,  
20.8379


 102.1967, 16.4390,  
26.4287

 54.8129, 15.2316,  
18.8809


 115.4946, 16.5688,  
28.2323

 44.5784, 14.7200,  
16.8510


129.3239, 16.6407,  
30.0169

 35.0746, 14.1027,  
14.7227

143.6651, 16.6584,  
31.7871

 26.3627, 13.3633,  
12.4582

158.5003, 16.6255,  
33.5467

 18.5224, 12.4814,  
10.0009


173.8137, 16.5449,

 11.6643, 11.4348,


35.2987


8.1650


189.5907, 16.4191,  
37.0454


 4.3288, 20.4201,  
3.0301


0.0000, NaN, NaN

 77.2850, 15.9890,  
22.7390


 77.2850, 15.9890,  
22.7390


 71.9695, 22.6748,  
26.3133

 82.9392, 9.7446,  
18.6628

 67.0332, 29.7956,  
29.2782

 88.8867, 3.9389,  
14.1692

 62.5293, 37.2843,  
31.5186

 95.0950, -1.4599,  
9.3304

 58.5126, 45.0075,  
32.9206

100.0000, -5.3358,  
5.4332

■ 55.0372, 52.7409,  
33.4028

■ 52.1468, 60.1531,  
32.9897

■ 51.5502, 61.7874,  
32.8467

# Harmonies

## Analogous

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



77.2868, 25.7734, 13.0929



77.2850, 15.9890, 22.7390



77.2868, 1.2597, 27.0995

# Triad

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



77.2868, 15.9857, 22.7401



77.2868, -31.1480, 9.0945



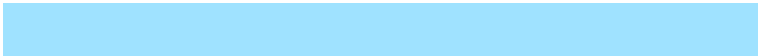
77.2868, 6.0843, -27.2899

# Complementary

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



77.2850, 15.9890, 22.7390



83.0548, -17.3764, -16.6634

# 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.



77.2868, -9.3720, -28.9408



77.2850, 15.9890, 22.7390



77.2868, -30.0777, -5.8781

# Square

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



77.2868, 15.9857, 22.7401



77.2868, -25.4219, 20.3075



77.2868, -22.3742, -20.4820



77.2868, 19.7544, -16.3346



# Rectangle

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



77.2850, 15.9890, 22.7390



77.2868, -9.0312, 27.1385



77.2868, -22.3742, -20.4820



77.2868, 0.9007, -29.0232

# Sweetspot

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



77.2868, 15.9857, 22.7401



92.9858, 0.3074, 10.9878



71.8045, 41.8766, -14.5519



42.6285, 0.4784, 5.3890

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



77.2868, 15.9857, 22.7401



73.3416, 20.8613, 25.4224



91.4545, -8.9062, 34.9326



43.4531, -0.2248, 4.7434



37.5676, 43.7821, 23.9154

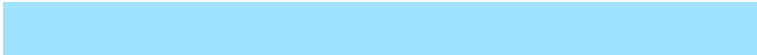


12.4751, 11.5856, 7.8899

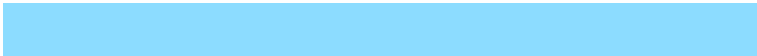


# Inverse Universe

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



83.0548, -17.3764, -16.6634



80.1103, -18.5633, -20.9810



68.1998, 7.0898, -40.0995



44.1593, -4.2591, -0.0522



45.4702, -9.3709, -36.6047



14.8503, -3.9036, -10.1348



# Previews

## White Background



This preview shows how the HunterLab color 77.2850, 15.9890, 22.7390 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

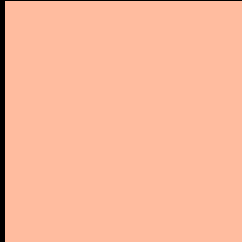
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 77.2850, 15.9890, 22.7390 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

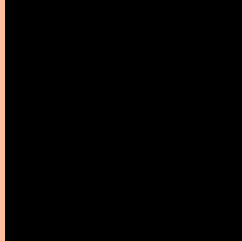
Any Text WCAG AA ✓ Pass

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 77.2850, 15.9890, 22.7390 Background



This preview shows how black text looks on a background with the HunterLab color 77.2850, 15.9890, 22.7390.



This preview shows how white text looks on a background with the HunterLab color 77.2850, 15.9890,

22.7390.

# 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

77.2850, 15.9890, 22.7390

### Protanopia

77.4029, -5.7057, 19.9612

### Deuteranopia

77.2502, 5.6396, 22.8729



## Tritanopia

77.1830, 23.2527, 7.3894

# Trichromacy



## Original Color

77.2850, 15.9890, 22.7390

## Protanomaly

77.3663, 1.7447, 21.1489

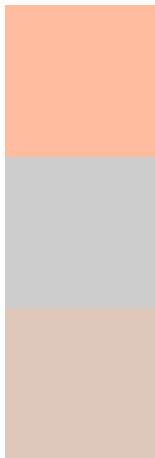
## Deuteranomaly

77.0720, 9.4798, 22.7729

## Tritanomaly

77.0564, 20.6715, 13.3731

# Monochromacy



## Original Color

77.2850, 15.9890, 22.7390

## Achromatopsia

78.1342, -4.1690, 4.2452

## Achromatomaly

77.5665, 2.1770, 11.4676

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 77.2850, 15.9890, 22.7390 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(255, 188, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 159)  
}
```

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(255, 188, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 159) }
```

## Border

The CSS property to change the border of an element to HunterLab 77.2850, 15.9890, 22.7390 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(255, 188, 159) }
```



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

```
.border{ border-color:rgb(255, 188, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 188, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
159) }
```

# Background

The CSS property to change the background color of an element to HunterLab 77.2850, 15.9890, 22.7390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 159) }
```

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

```
.background{ background-color: rgb(255,  
188, 159) }
```

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