

# Converting Colors

HunterLab(77.8839, 16.8207,  
19.0120)

Have a look what the booklet for  
HunterLab(77.8839, 16.8207,  
19.0120) contains.

<b>HunterLab(77.8431, 16.9251, 18.9175)</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(77.8431, 16.9251,  
18.9175)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFBDAB
RGB	255, 189, 171
RGB Percent	100%, 74%, 67%
CMY	0.0000, 0.2588, 0.3294
CMYK	0.00, 0.26, 0.33, 0.00
HSL	13°, 100%, 84%
HSV	13°, 33%, 100%
XYZ	66.7883, 60.5955, 46.7041
YIQ	206.6820, 45.1140, 8.3940

# Conversions

## Conversions Part 2

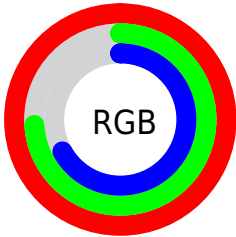
Format	Color
R <sub>Y</sub> B	255, 194, 171
Decimal	16760235
CIE Lab	82.16, 21.41, 18.41
CIE LCh	82, 28.237, 40.695
Yxy	60.5983, 0.3836, 0.3481
Android (android.graphics.Color)	4294950315 (0xFFFFBDAB)
YUV	206.6820, -17.5912, 42.3749
Hunter-Lab	77.8431, 16.9251, 18.9175

# Details

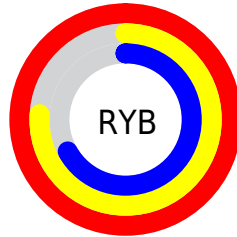
The HunterLab color **77.8431, 16.9251, 18.9175** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.4321, -20.0423, -10.6317**, and the grayscale version is **78.9157, -4.2107, 4.2876**.

A 20% lighter version of the original color is **95.9457, -4.8946, 14.5729**, and **55.2541, 16.4375, 15.6075** is the 20% darker color. If you saturate the color by 10%, you get **71.8926, 24.5814, 22.4704**, and if you desaturate by 10%, it is **84.1958, 9.6933, 15.0635**.

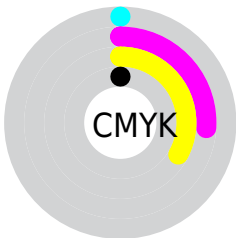
# Distribution



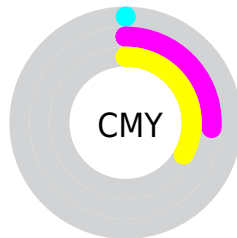
- Red (100%)
- Green (74%)
- Blue (67%)



- Red (100%)
- Yellow (76%)
- Blue (67%)



- Cyan (0%)
- Magenta (26%)
- Yellow (33%)
- Black (0%)




- Cyan (0%)
- Magenta (26%)
- Yellow (33%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.8431, 16.9251, 18.9175 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 77.8431, 16.9251, 18.9175 by changing the saturation by 10% instead.





 77.8431, 16.9251,  
18.9175

 77.8431, 16.9251,  
18.9175


206.5913, 17.4615,  
32.6881

 66.2579, 16.5511,  
17.3430


 102.8091, 17.4422,  
22.0132

 55.3107, 16.0962,  
15.7373


116.1325, 17.6042,  
23.5435

 45.0432, 15.5471,  
14.0893


129.9863, 17.7072,  
25.0679

 35.5039, 14.8910,  
12.3811

144.3510, 17.7553,  
26.5895

 26.7531, 14.1119,  
10.5854

159.2090, 17.7519,  
28.1105

 18.8697, 13.1899,  
8.6587


174.5445, 17.7001,

 11.9623, 12.1046,


29.6330


7.4872


190.3430, 17.6025,  
31.1584


 4.8927, 18.8061,  
3.4249


0.0000, NaN, NaN

 77.8431, 16.9251,  
18.9175


 77.8431, 16.9251,  
18.9175


 71.8926, 24.5814,  
22.4704


 84.1958, 9.6933,  
15.0635

 66.4014, 32.6374,  
25.6209

 90.8923, 2.8887,  
10.9778

 61.4430, 40.9867,  
28.2456

 97.8903, -3.5208,  
6.7147

 57.0958, 49.4240,  
30.2005

100.0000, -5.3358,  
5.4332

■ 53.4374, 57.6157,  
31.3469

■ 50.5327, 65.1024,  
31.6062

■ 48.9490, 69.6502,  
31.3815

# Harmonies

## Analogous

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



77.8449, 23.5660, 8.7622



77.8431, 16.9251, 18.9175



77.8449, 4.7782, 24.4347

# Triad

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



77.8449, 16.9218, 18.9187



77.8449, -27.5742, 12.1028



77.8449, 0.8103, -24.7528

# Complementary

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



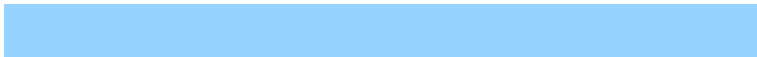
77.8431, 16.9251, 18.9175



87.4321, -20.0423, -10.6317

# 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.



77.8449, -12.7080, -23.4360



77.8431, 16.9251, 18.9175



77.8449, -28.4738, -0.5767

# Square

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



77.8449, 16.9218, 18.9187



77.8449, -20.6594, 20.9977



77.8449, -23.2086, -14.0124



77.8449, 13.8443, -17.3481



# Rectangle

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



77.8431, 16.9251, 18.9175



77.8449, -4.4782, 25.4263



77.8449, -23.2086, -14.0124



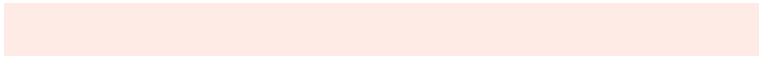
77.8449, -3.8368, -25.3437

# Sweetspot

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



77.8449, 16.9218, 18.9187



92.9205, 0.9645, 9.7407



75.2139, 37.5048, -16.8822



42.5393, 0.8697, 4.7809

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



77.8449, 16.9218, 18.9187



73.5981, 22.2853, 21.4628



89.8237, -4.5086, 29.8382



43.1486, 0.2978, 4.4094



35.6290, 49.5794, 22.8224

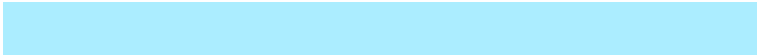


11.7761, 13.5076, 7.4928

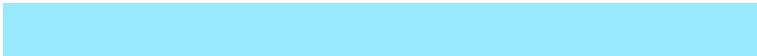


# Inverse Universe

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



87.4321, -20.0423, -10.6317



85.0573, -22.1704, -13.9234



74.4639, 0.6442, -29.4334



44.4765, -4.7708, 0.3282



50.6627, -16.8592, -26.9298



16.2967, -5.9277, -7.5732



# Previews

## White Background



This preview shows how the HunterLab color 77.8431, 16.9251, 18.9175 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

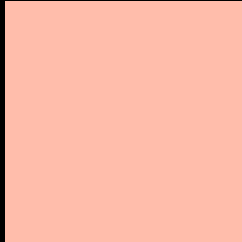
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 77.8431, 16.9251, 18.9175 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

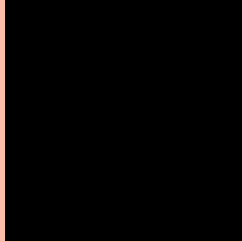
Any Text WCAG AA ✓ Pass

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 77.8431, 16.9251, 18.9175 Background



This preview shows how black text looks on a background with the HunterLab color 77.8431, 16.9251, 18.9175.



This preview shows how white text looks on a background with the HunterLab color 77.8431, 16.9251,

18.9175.

# 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

77.8431, 16.9251, 18.9175

### Protanopia

77.9337, -4.7744, 15.4934

### Deuteranopia

77.9996, 5.7226, 19.2551



## Tritanopia

77.7826, 22.4728, 7.1360

# Trichromacy



**Original Color**

77.8431, 16.9251, 18.9175

**Protanomaly**

77.8713, 2.5732, 16.7557

**Deuteranomaly**

77.9224, 9.9128, 19.2523

**Tritanomaly**

77.7655, 20.4440, 11.5706

# Monochromacy



**Original Color**

77.8431, 16.9251, 18.9175

**Achromatopsia**

78.9912, -4.2148, 4.2917

**Achromatomaly**

78.1351, 2.9208, 9.4685

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 77.8431, 16.9251, 18.9175 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, 189, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 171)  
}
```

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, 189, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 171) }
```

## Border

The CSS property to change the border of an element to HunterLab 77.8431, 16.9251, 18.9175 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, 189, 171) }
```



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

```
.border{ border-color:rgb(255, 189, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 189, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 189, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 189, 171); box-shadow:4px 4px 4px 4px rgb(255, 189, 171) }
```

# Background

The CSS property to change the background color of an element to HunterLab 77.8431, 16.9251, 18.9175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 171) }
```

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

```
.background{ background-color: rgb(255,  
189, 171) }
```

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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