

# Converting Colors

HunterLab(84.3769, 6.0877,  
22.3174)

Have a look what the booklet for  
HunterLab(84.3769, 6.0877,  
22.3174) contains.

<b>HunterLab(84.3227, 6.2700, 22.0820)</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(84.3227, 6.2700,  
22.0820)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD3B3
RGB	255, 211, 179
RGB Percent	100%, 83%, 70%
CMY	0.0000, 0.1725, 0.2980
CMYK	0.00, 0.17, 0.30, 0.00
HSL	25°, 100%, 85%
HSV	25°, 30%, 100%
XYZ	72.6709, 71.1032, 52.5419
YIQ	220.5080, 36.4960, -0.6240

# Conversions

## Conversions Part 2

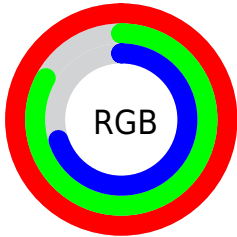
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 234, 179
Decimal	16765875
CIE Lab	87.54, 10.93, 21.64
CIE LCh	88, 24.242, 63.201
Yxy	71.1064, 0.3702, 0.3622
Android (android.graphics.Color)	4294955955 (0xFFFFD3B3)
YUV	220.5080, -20.4634, 30.2495
Hunter-Lab	84.3227, 6.2700, 22.0820

# Details

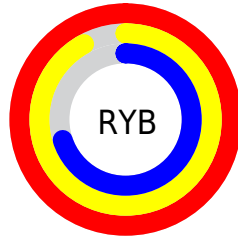
The HunterLab color **84.3227, 6.2700, 22.0820** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **83.4127, -11.0963, -16.0433**, and the grayscale version is **84.8954, -4.5298, 4.6125**.

A 20% lighter version of the original color is **99.3872, -8.7033, 14.2019**, and **60.9538, 6.6043, 18.4752** is the 20% darker color. If you saturate the color by 10%, you get **79.4777, 11.0007, 26.5219**, and if you desaturate by 10%, it is **89.3925, 1.9754, 17.0187**.

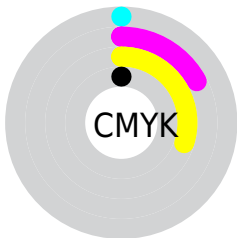
# Distribution



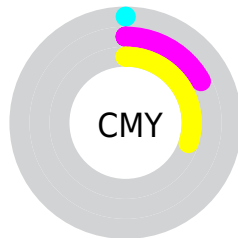
- Red (100%)
- Green (83%)
- Blue (70%)



- Red (100%)
- Yellow (92%)
- Blue (70%)



- Cyan (0%)
- Magenta (17%)
- Yellow (30%)
- Black (0%)




- Cyan (0%)
- Magenta (17%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.3227, 6.2700, 22.0820 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 84.3227, 6.2700, 22.0820 by changing the saturation by 10% instead.




 84.3227, 6.2700,  
22.0820

 84.3227, 6.2700,  
22.0820

215.5053, 3.0497,  
37.0783

 72.4079, 6.3966,  
20.3452

 109.9023, 5.8489,  
25.4833

 61.1123, 6.4670,  
18.5702


123.5134, 5.5684,  
27.1580

 50.4742, 6.4715,  
16.7453


137.6440, 5.2444,  
28.8218

 40.5368, 6.4020,  
14.8524

152.2759, 4.8794,  
30.4783

 31.3538, 6.2474,  
12.8652

167.3924, 4.4756,  
32.1301

 22.9930, 5.9927,  
10.7434

182.9785, 4.0349,

 15.5451, 5.6157,

33.7796

8.5890

199.0203, 3.5592,  
35.4284

■ 9.1343, 5.1045,  
6.3940

0.0000, INF, NaN

■ 84.3227, 6.2700,  
22.0820

■ 84.3227, 6.2700,  
22.0820

■ 79.4777, 11.0007,  
26.5219

■ 89.3925, 1.9754,  
17.0187

■ 74.8755, 16.1983,  
30.2499

■ 94.6601, -1.9030,  
11.4050

■ 70.5444, 21.8666,  
33.1770

100.0000, -5.3358,  
5.4332

■ 66.5129, 27.9890,  
35.2159

■ 62.8105, 34.5138,  
36.2963

■ 59.4656, 41.3393,  
36.3916

■ 56.4962, 48.2739,  
35.6427

■ 56.4413, 48.4082,  
35.6263

# Harmonies

## Analogous

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



84.3246, 15.9041, 15.8534



84.3227, 6.2700, 22.0820



84.3246, -5.8018, 23.8665

# Triad

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



84.3246, 6.2669, 22.0832



84.3246, -26.5416, 3.3421



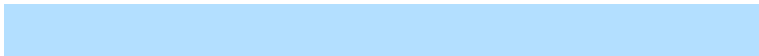
84.3246, 8.6458, -16.1558

# Complementary

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



84.3227, 6.2700, 22.0820



83.4127, -11.0963, -16.0433

# 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.



84.3246, -3.1980, -20.6911



84.3227, 6.2700, 22.0820



84.3246, -23.1385, -8.4795

# Square

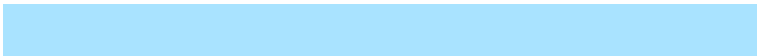
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.3246, 6.2669, 22.0832



84.3246, -24.3209, 13.9893



84.3246, -14.7597, -17.7022



84.3246, 17.3312, -6.0337



# Rectangle

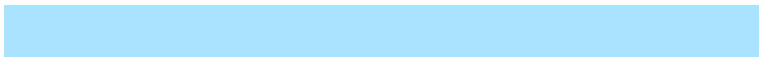
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.3227, 6.2700, 22.0820



84.3246, -13.4934, 22.5357



84.3246, -14.7597, -17.7022



84.3246, 4.8788, -18.4443

# Sweetspot

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



84.3246, 6.2669, 22.0832



95.0913, -2.1976, 10.9323



76.7115, 30.3243, -6.3399



43.6327, -0.7690, 5.4528

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



84.3246, 6.2669, 22.0832



81.2936, 9.1466, 24.9127



95.9481, -13.2191, 32.5371



43.8683, -0.9313, 5.1953



41.1406, 34.1180, 25.9480

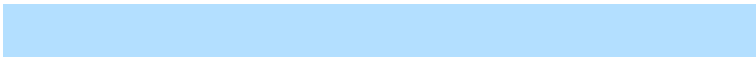


13.6326, 8.7010, 8.5527

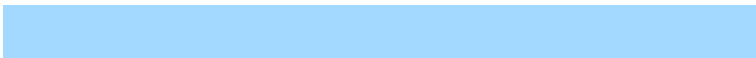


# Inverse Universe

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



83.4127, -11.0963, -16.0433



80.1962, -11.6067, -20.7314



71.8624, 8.5208, -33.6255



43.7315, -3.5635, -0.5695



38.8308, 1.3869, -51.5290

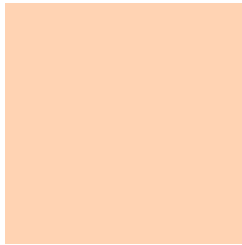


12.9787, -1.0253, -14.0089



# Previews

## White Background



This preview shows how the HunterLab color 84.3227, 6.2700, 22.0820 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 84.3227, 6.2700, 22.0820 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

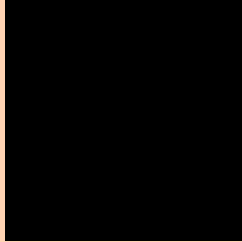
Any Text WCAG AA ✓ Pass

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 84.3227, 6.2700, 22.0820 Background



This preview shows how black text looks on a background with the HunterLab color 84.3227, 6.2700, 22.0820.



This preview shows how white text looks on a background with the HunterLab color 84.3227, 6.2700,



# 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

84.3227, 6.2700, 22.0820

### Protanopia

84.4025, -5.6751, 20.4387

### Deuteranopia

84.3227, 6.2700, 22.0820



## Tritanopia

84.3244, 14.5894, 4.1178

# Trichromacy



## Original Color

84.3227, 6.2700, 22.0820

## Protanomaly

84.2700, -1.4561, 20.7641

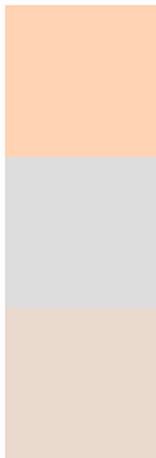
## Deuteranomaly

84.3227, 6.2700, 22.0820

## Tritanomaly

84.1594, 11.6595, 10.9254

# Monochromacy



## Original Color

84.3227, 6.2700, 22.0820

## Achromatopsia

85.0326, -4.5371, 4.6200

## Achromatomaly

84.5018, -0.9458, 11.0824

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 84.3227, 6.2700, 22.0820 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, 211, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 179)  
}
```

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, 211, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 179) }
```

## Border

The CSS property to change the border of an element to HunterLab 84.3227, 6.2700, 22.0820 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, 211, 179) }
```



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

```
.border{ border-color:rgb(255, 211, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 211, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
179) }
```

# Background

The CSS property to change the background color of an element to HunterLab 84.3227, 6.2700, 22.0820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 179) }
```

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

```
.background{ background-color: rgb(255,  
211, 179) }
```

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