

# Converting Colors

HunterLab(91.9144, 26.9409,  
42.2812)

Have a look what the booklet for  
HunterLab(91.9144, 26.9409,  
42.2812) contains.

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# Color

**HunterLab(84.0225, 0.4120,  
35.6069)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD587
RGB	255, 213, 135
RGB Percent	100%, 84%, 53%
CMY	0.0000, 0.1647, 0.4706
CMYK	0.00, 0.16, 0.47, 0.00
HSL	39°, 100%, 76%
HSV	39°, 47%, 100%
XYZ	69.4075, 70.5978, 32.8903
YIQ	216.6660, 50.0700, -15.3540

# Conversions

## Conversions Part 2

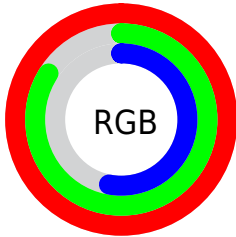
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	200, 255, 135
Decimal	16766343
CIE Lab	87.29, 5.04, 43.89
CIE LCh	87, 44.180, 83.449
Yxy	70.6011, 0.4014, 0.4083
Android (android.graphics.Color)	4294956423 (0xFFFFD587)
YUV	216.6660, -40.2613, 33.6189
Hunter-Lab	84.0225, 0.4120, 35.6069

# Details

The HunterLab color  $84.0225, 0.4120, 35.6069$  is a light color, and the websafe version is hex  $\text{FFCC66}$ . A complement of this color would be  $66.1919, 2.1810, -43.9175$ , and the grayscale version is  $83.3094, -4.4452, 4.5264$ .

A 20% lighter version of the original color is  $98.2111, -15.2263, 31.1860$ , and  $60.9562, 0.8680, 29.6162$  is the 20% darker color. If you saturate the color by 10%, you get  $80.9939, 2.9226, 39.2641$ , and if you desaturate by 10%, it is  $87.1902, -1.6351, 30.9250$ .

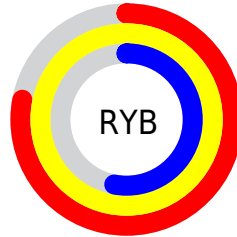
# Distribution



Red (100%)

Green (84%)

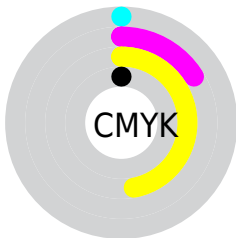
Blue (53%)



Red (78%)

Yellow (100%)

Blue (53%)

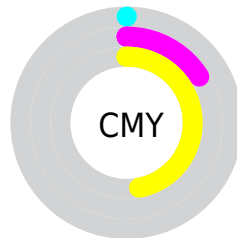


Cyan (0%)

Magenta (16%)

Yellow (47%)

Black (0%)



Cyan (0%)

Magenta (16%)


Yellow (47%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.0225, 0.4120, 35.6069 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 84.0225, 0.4120, 35.6069 by changing the saturation by 10% instead.




 84.0225, 0.4120,  
35.6069

 84.0225, 0.4120,  
35.6069


215.0948, -4.8253,  
59.6643

 72.1227, 0.8069,  
32.5868


 109.5745, -0.5127,  
41.3576

 60.8428, 1.1592,  
29.4408


 123.1725, -1.0305,  
44.1175

 50.2213, 1.4613,  
26.1417


 137.2906, -1.5838,  
46.8163

 40.3018, 1.7077,  
22.6538

151.9104, -2.1705,  
49.4631

 31.1381, 1.8913,  
18.9326

167.0151, -2.7894,  
52.0656

 22.7986, 2.0021,  
15.3842

182.5898, -3.4389,

 15.3745, 2.0251,

54.6299

10.7621

198.6206, -4.1179,  
57.1613

■ 8.9841, 1.9833,  
6.2889

0.0000, NaN, NaN

■ 84.0225, 0.4120,  
35.6069

■ 84.0225, 0.4120,  
35.6069

■ 80.9939, 2.9226,  
39.2641

■ 87.1902, -1.6351,  
30.9250

■ 78.1036, 5.9089,  
41.8630

■ 90.4850, -3.2191,  
25.2601

■ 75.3576, 9.3584,  
43.3964

■ 93.9030, -4.3591,  
18.6658

■ 72.7581, 13.2453,  
43.8924

■ 97.4380, -5.0747,  
11.1982

■ 70.3030, 17.5176, 100.0000, -5.3358,  
43.4454 5.4332

■ 69.6032, 18.8155,  
43.2186

# Harmonies

## Analogous

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



84.0245, 22.3087, 30.9707



84.0225, 0.4120, 35.6069



84.0245, -20.7175, 33.8203

# Triad

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



84.0245, 0.4087, 35.6078



84.0245, -39.9845, -13.1294



84.0245, 32.3941, -23.1953

# Complementary

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



84.0225, 0.4120, 35.6069



66.1919, 2.1810, -43.9175

# 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.



84.0245, 13.0756, -41.5315



84.0225, 0.4120, 35.6069



84.0245, -28.2972, -34.7497

# Square

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



84.0245, 0.4087, 35.6078



84.0245, -42.6293, 9.0502



84.0245, -9.2747, -46.2302



84.0245, 41.9666, -0.1635



# Rectangle

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



84.0225, 0.4120, 35.6069



84.0245, -31.7268, 28.9204



84.0245, -9.2747, -46.2302



84.0245, 26.7346, -30.3301

# Sweetspot

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



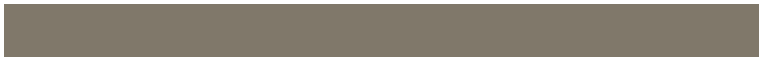
84.0245, 0.4087, 35.6078



94.9719, -4.6220, 16.4724



64.6243, 46.6690, 2.4759



43.5889, -2.0544, 8.3408

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



84.0245, 0.4087, 35.6078



81.3080, 2.6343, 38.9270



95.5373, -26.9527, 44.1721



44.6743, -2.2844, 6.0620



50.6013, 13.0308, 31.4084



16.4261, 2.8378, 10.1713



# Inverse Universe

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



66.1919, 2.1810, -43.9175



60.4810, 5.4485, -55.3812



55.9653, 29.1663, -65.2317



42.9155, -2.2186, -1.5708



27.8897, 24.3755, -87.4794



9.7624, 5.0615, -23.1284



# Previews

## White Background



This preview shows how the HunterLab color 84.0225, 0.4120, 35.6069 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

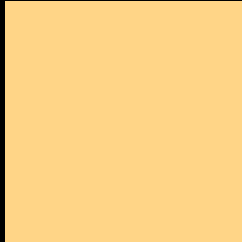
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 84.0225, 0.4120, 35.6069 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 84.0225, 0.4120, 35.6069 Background



This preview shows how black text looks on a background with the HunterLab color 84.0225, 0.4120, 35.6069.



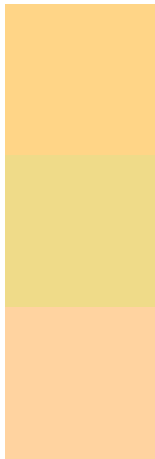
This preview shows how white text looks on a background with the HunterLab color 84.0225, 0.4120,



# 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

84.0225, 0.4120, 35.6069

### Protanopia

84.1546, -8.4585, 35.0334

### Deuteranopia

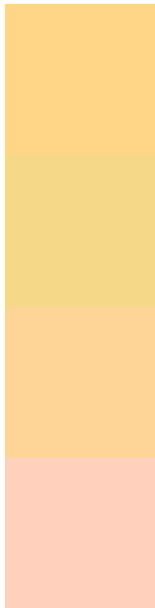
83.8967, 3.9849, 28.2632



## Tritanopia

83.9745, 14.8011, 4.6860

# Trichromacy



## Original Color

84.0225, 0.4120, 35.6069

## Protanomaly

84.1521, -5.3331, 35.3498

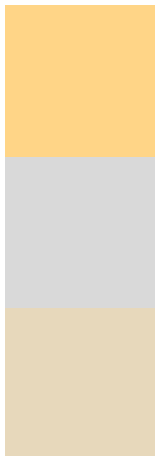
## Deuteranomaly

84.0127, 2.4902, 31.1494

## Tritanomaly

83.9594, 8.5211, 18.2869

# Monochromacy



## Original Color

84.0225, 0.4120, 35.6069

## Achromatopsia

83.2990, -4.4446, 4.5258

## Achromatomaly

83.4796, -3.9377, 17.9801

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 84.0225, 0.4120, 35.6069 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, 213, 135)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 135)  
}
```

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, 213, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 135) }
```

## Border

The CSS property to change the border of an element to HunterLab 84.0225, 0.4120, 35.6069 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, 213, 135) }
```



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

```
.border{ border-color:rgb(255, 213, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 213, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 135);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
135) }
```

# Background

The CSS property to change the background color of an element to HunterLab 84.0225, 0.4120, 35.6069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 135) }
```

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

```
.background{ background-color: rgb(255,  
213, 135) }
```

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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