

# Converting Colors

HunterLab(84.6789, 3.6356,  
26.7306)

Have a look what the booklet for  
HunterLab(84.6789, 3.6356,  
26.7306) contains.

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# Color

**HunterLab(84.6395, 3.7443,  
26.6103)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD5A7
RGB	255, 213, 167
RGB Percent	100%, 84%, 65%
CMY	0.0000, 0.1647, 0.3451
CMYK	0.00, 0.16, 0.35, 0.00
HSL	31°, 100%, 83%
HSV	31°, 35%, 100%
XYZ	72.0092, 71.6384, 46.5915
YIQ	220.3140, 39.7980, -5.4020

# Conversions

## Conversions Part 2

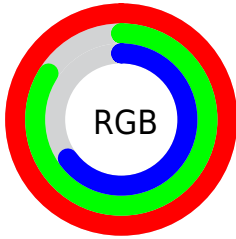
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	247, 255, 167
Decimal	16766375
CIE Lab	87.80, 8.42, 28.25
CIE LCh	88, 29.474, 73.400
Yxy	71.6418, 0.3785, 0.3766
Android (android.graphics.Color)	4294956455 (0xFFFFD5A7)
YUV	220.3140, -26.2838, 30.4196
Hunter-Lab	84.6395, 3.7443, 26.6103

# Details

The HunterLab color  $84.6395, 3.7443, 26.6103$  is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be  $78.1245, -6.9722, -23.7815$ , and the grayscale version is  $84.8347, -4.5266, 4.6092$ .

A 20% lighter version of the original color is  $99.0222, -10.7193, 19.4511$ , and  $61.2877, 4.4328, 22.1518$  is the 20% darker color. If you saturate the color by 10%, you get  $80.5578, 7.3359, 31.0769$ , and if you desaturate by 10%, it is  $88.9007, 0.6006, 21.3370$ .

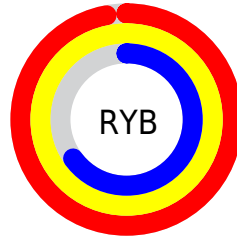
# Distribution



Red (100%)

Green (84%)

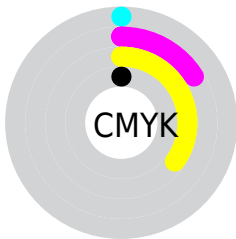
Blue (65%)



Red (97%)

Yellow (100%)

Blue (65%)

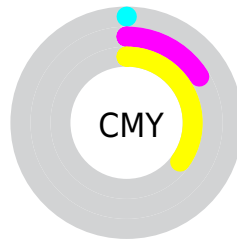


Cyan (0%)

Magenta (16%)

Yellow (35%)

Black (0%)



Cyan (0%)

Magenta (16%)


Yellow (35%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.6395, 3.7443, 26.6103 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 84.6395, 3.7443, 26.6103 by changing the saturation by 10% instead.




 84.6395, 3.7443,  
26.6103


 84.6395, 3.7443,  
26.6103


215.9384, -0.3420,  
44.2029

 72.7091, 3.9861,  
24.5071


 110.2484, 3.1072,  
30.6827

 61.3970, 4.1773,  
22.3403


 123.8731, 2.7248,  
32.6677

 50.7413, 4.3094,  
20.0931


138.0170, 2.3023,  
34.6278

 40.7851, 4.3751,  
17.7410

152.6617, 1.8421,  
36.5681

 31.5818, 4.3651,  
15.2490

167.7905, 1.3459,  
38.4927

 23.1987, 4.2663,  
12.5663

183.3886, 0.8156,

 15.7257, 4.0594,

40.4049

10.3656

199.4420, 0.2525,  
42.3075

■ 9.2901, 3.7175,  
6.5030

0.0000, NaN, NaN

■ 84.6395, 3.7443,  
26.6103

■ 84.6395, 3.7443,  
26.6103

■ 80.5578, 7.3359,  
31.0769

■ 88.9007, 0.6006,  
21.3370

■ 76.6641, 11.4030,  
34.6608

■ 93.3219, -2.1101,  
15.3258

■ 72.9752, 15.9501,  
37.2960

■ 97.8929, -4.4187,  
8.6464

■ 69.5063, 20.9686,  
38.9303

100.0000, -5.3358,  
5.4332

■ 66.2714, 26.4264,  
39.5423

■ 63.2819, 32.2567,  
39.1694

■ 61.7418, 35.5521,  
38.6674

# Harmonies

## Analogous

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



84.6415, 17.1032, 21.1373



84.6395, 3.7443, 26.6103



84.6415, -10.9979, 26.8875

# Triad

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



84.6415, 3.7412, 26.6114



84.6415, -30.3978, -1.8911



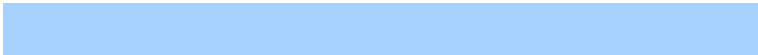
84.6415, 15.8753, -17.4502

# Complementary

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



84.6395, 3.7443, 26.6103



78.1245, -6.9722, -23.7815

# 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.



84.6415, 2.1572, -26.0885



84.6395, 3.7443, 26.6103



84.6415, -24.1707, -16.1210

# Square

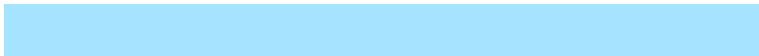
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.6415, 3.7412, 26.6114



84.6415, -30.0380, 11.9633



84.6415, -12.4775, -25.5641



84.6415, 24.4307, -3.4747



# Rectangle

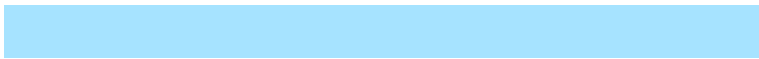
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.6395, 3.7443, 26.6103



84.6415, -19.5841, 24.1897



84.6415, -12.4775, -25.5641



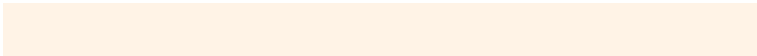
84.6415, 11.6757, -21.1735

# Sweetspot

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



84.6415, 3.7412, 26.6114



95.3652, -3.1991, 12.3928



73.1629, 34.5359, -3.4779



43.8242, -1.3270, 6.1630

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



84.6415, 3.7412, 26.6114



81.9700, 6.0215, 29.6066



97.6181, -18.2614, 37.6267



44.2250, -1.5332, 5.5806



44.9667, 24.9325, 28.1447

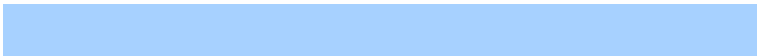


14.7906, 6.1114, 9.2209



# Inverse Universe

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



78.1245, -6.9722, -23.7815



74.3062, -6.4551, -29.8148



65.7529, 15.5572, -44.5196



43.3680, -2.9673, -1.0133



33.6160, 11.2390, -66.2790



11.4777, 1.5830, -17.7635



# Previews

## White Background



This preview shows how the HunterLab color 84.6395, 3.7443, 26.6103 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

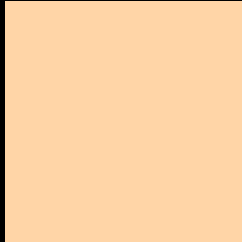
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 84.6395, 3.7443, 26.6103 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

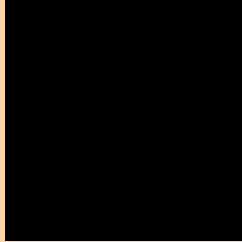
Any Text WCAG AA ✓ Pass

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 84.6395, 3.7443, 26.6103 Background



This preview shows how black text looks on a background with the HunterLab color 84.6395, 3.7443, 26.6103.



This preview shows how white text looks on a background with the HunterLab color 84.6395, 3.7443,



# 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

84.6395, 3.7443, 26.6103

### Protanopia

84.7059, -6.8152, 25.4567

### Deuteranopia

84.5234, 5.2375, 23.7251



## Tritanopia

84.6122, 14.0471, 4.4492

# Trichromacy



## Original Color

84.6395, 3.7443, 26.6103

## Protanomaly

84.4793, -2.9073, 25.6609

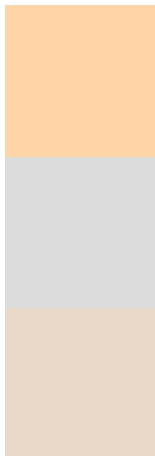
## Deuteranomaly

84.4544, 4.8673, 24.7254

## Tritanomaly

84.5992, 9.8372, 13.5749

# Monochromacy



## Original Color

84.6395, 3.7443, 26.6103

## Achromatopsia

84.5987, -4.5140, 4.5964

## Achromatomaly

84.3602, -1.7165, 13.1156

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 84.6395, 3.7443, 26.6103 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, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 167)  
}
```

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, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 167) }
```

## Border

The CSS property to change the border of an element to HunterLab 84.6395, 3.7443, 26.6103 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, 167) }
```



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

```
.border{ border-color:rgb(255, 213, 167) }
```

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, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 167);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
167) }
```

# Background

The CSS property to change the background color of an element to HunterLab 84.6395, 3.7443, 26.6103 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, 167) }
```

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

```
.background{ background-color: rgb(255,  
213, 167) }
```

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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