

# Converting Colors

HunterLab(85.9162, 3.0147,  
24.5023)

Have a look what the booklet for  
HunterLab(85.9162, 3.0147,  
24.5023) contains.

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# Color

**HunterLab(86.0350, 2.7395,  
24.7565)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFD9B0
RGB	255, 217, 176
RGB Percent	100%, 85%, 69%
CMY	0.0000, 0.1490, 0.3098
CMYK	0.00, 0.15, 0.31, 0.00
HSL	31°, 100%, 85%
HSV	31°, 31%, 100%
XYZ	73.8892, 74.0202, 51.4672
YIQ	223.6880, 35.8090, -4.6950

# Conversions

## Conversions Part 2

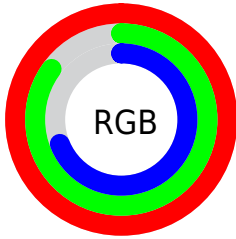
Format	Color
R <sub>Y</sub> B	249, 255, 176
Decimal	16767408
CIE Lab	88.93, 7.45, 25.12
CIE LCh	89, 26.205, 73.484
Yxy	74.0236, 0.3706, 0.3713
Android (android.graphics.Color)	4294957488 (0xFFFFD9B0)
YUV	223.6880, -23.5102, 27.4606
Hunter-Lab	86.0350, 2.7395, 24.7565

# Details

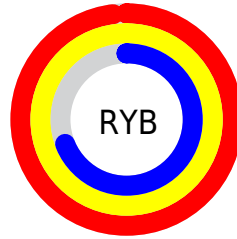
The HunterLab color  $86.0350, 2.7395, 24.7565$  is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be  $80.3375, -7.2774, -20.4454$ , and the grayscale version is  $86.2906, -4.6043, 4.6883$ .

A 20% lighter version of the original color is  $99.3007, -9.1806, 15.4448$ , and  $62.5628, 3.2750, 20.8496$  is the 20% darker color. If you saturate the color by 10%, you get  $81.8643, 6.2179, 29.5020$ , and if you desaturate by 10%, it is  $90.3820, -0.2990, 19.2353$ .

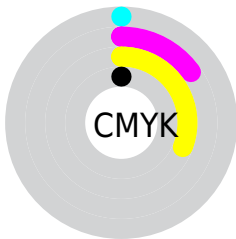
# Distribution



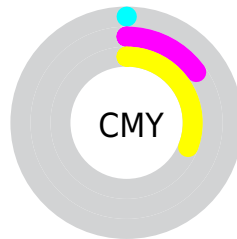
- Red (100%)
- Green (85%)
- Blue (69%)



- Red (98%)
- Yellow (100%)
- Blue (69%)



- Cyan (0%)
- Magenta (15%)
- Yellow (31%)
- Black (0%)




- Cyan (0%)
- Magenta (15%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.0350, 2.7395, 24.7565 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 86.0350, 2.7395, 24.7565 by changing the saturation by 10% instead.




 86.0350, 2.7395,  
24.7565

 86.0350, 2.7395,  
24.7565


217.8428, -1.7177,  
41.0966

 74.0360, 3.0313,  
22.8334


 111.7718, 2.0092,  
28.5016

 62.6517, 3.2753,  
20.8603


125.4566, 1.5830,  
30.3362

 51.9192, 3.4633,  
18.8236


139.6583, 1.1184,  
32.1533

 41.8811, 3.5889,  
16.7026

154.3589, 0.6174,  
33.9570

 32.5890, 3.6437,  
14.4675

169.5418, 0.0818,  
35.7506

 24.1085, 3.6158,  
12.0743

185.1923, -0.4868,

 16.5264, 3.4880,

37.5370

9.6822

201.2968, -1.0870,  
39.3183

■ 9.9653, 3.2327,  
6.9757

0.0000, INF, NaN

■ 86.0350, 2.7395,  
24.7565

■ 86.0350, 2.7395,  
24.7565

■ 81.8643, 6.2179,  
29.5020

■ 90.3820, -0.2990,  
19.2353

■ 77.8783, 10.1663,  
33.3947

■ 94.8860, -2.9143,  
13.0064

■ 74.0942, 14.5935,  
36.3652

■ 99.5369, -5.1379,  
6.1381

■ 70.5275, 19.4972,  
38.3535

■ 100.0000, -5.3358,  
5.4332

■ 67.1932, 24.8538,  
39.3237

■ 64.1044, 30.6092,  
39.2869

■ 61.5306, 36.0369,  
38.5458

# Harmonies

## Analogous

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



86.0370, 14.5974, 19.6912



86.0350, 2.7395, 24.7565



86.0370, -10.4318, 25.0021

# Triad

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



86.0370, 2.7364, 24.7576



86.0370, -27.9029, -1.1367



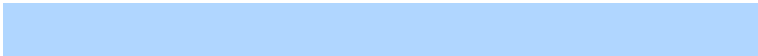
86.0370, 13.5692, -14.7326

# Complementary

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



86.0350, 2.7395, 24.7565



80.3375, -7.2774, -20.4454

# 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.



86.0370, 1.4010, -22.2469



86.0350, 2.7395, 24.7565



86.0370, -22.2405, -13.6356

# Square

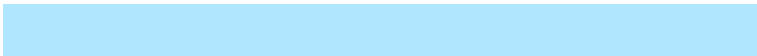
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.0370, 2.7364, 24.7576



86.0370, -27.5934, 11.2655



86.0370, -11.6895, -21.8176



86.0370, 21.1049, -2.4640

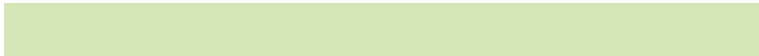


# Rectangle

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



86.0350, 2.7395, 24.7565



86.0370, -18.1501, 22.4786



86.0370, -11.6895, -21.8176



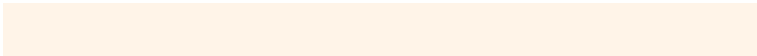
86.0370, 9.8542, -17.9755

# Sweetspot

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



86.0370, 2.7364, 24.7576



95.7955, -3.3846, 11.6954



75.6147, 30.3866, -2.8550



44.0099, -1.4066, 5.8577

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



86.0370, 2.7364, 24.7576



83.5034, 4.7774, 27.7118



97.8089, -17.2207, 35.0689



44.2119, -1.5111, 5.5665



44.8148, 25.2779, 28.0572

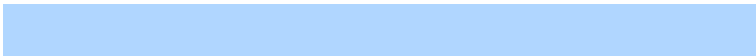


14.7456, 6.2074, 9.1949



# Inverse Universe

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



80.3375, -7.2774, -20.4454



76.7570, -6.9902, -25.9036



69.0333, 13.0793, -38.4880



43.3813, -2.9893, -0.9969



33.7987, 10.8659, -65.7018



11.5310, 1.4846, -17.6175



# Previews

## White Background



This preview shows how the HunterLab color 86.0350, 2.7395, 24.7565 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

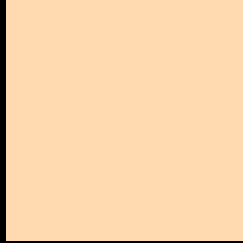
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 86.0350, 2.7395, 24.7565 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

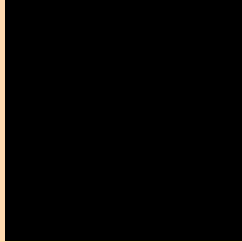
Any Text WCAG AA ✓ Pass

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 86.0350, 2.7395, 24.7565 Background



This preview shows how black text looks on a background with the HunterLab color 86.0350, 2.7395, 24.7565.



This preview shows how white text looks on a background with the HunterLab color 86.0350, 2.7395,

24.7565.

# 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

86.0350, 2.7395, 24.7565

### Protanopia

86.0433, -6.5005, 23.5183

### Deuteranopia

85.9749, 4.5494, 21.0212



## Tritanopia

85.9290, 12.7147, 3.5260

# Trichromacy



## Original Color

86.0350, 2.7395, 24.7565

## Protanomaly

86.1164, -3.1209, 24.0112

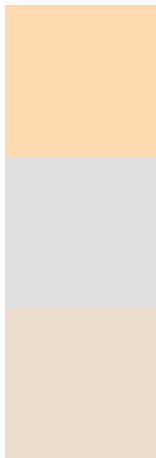
## Deuteranomaly

85.8773, 4.0247, 22.4332

## Tritanomaly

85.9693, 8.7490, 11.9716

# Monochromacy



## Original Color

86.0350, 2.7395, 24.7565

## Achromatopsia

86.3368, -4.6067, 4.6908

## Achromatomaly

85.9535, -2.1838, 12.2065

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 86.0350, 2.7395, 24.7565 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, 217, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 176)  
}
```

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, 217, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 176) }
```

## Border

The CSS property to change the border of an element to HunterLab 86.0350, 2.7395, 24.7565 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, 217, 176) }
```



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

```
.border{ border-color:rgb(255, 217, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 217, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 217, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 217, 176); box-shadow:4px 4px 4px 4px rgb(255, 217, 176) }
```

# Background

The CSS property to change the background color of an element to HunterLab 86.0350, 2.7395, 24.7565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 176) }
```

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

```
.background{ background-color: rgb(255,  
217, 176) }
```

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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