

# Converting Colors

HunterLab(88.9071, 7.3741,  
21.5296)

Have a look what the booklet for  
HunterLab(88.9071, 7.3741,  
21.5296) contains.

<b>HunterLab(87.6234, 2.7250, 20.2971)</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(87.6234, 2.7250,  
20.2971)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFDDC0
RGB	255, 221, 192
RGB Percent	100%, 87%, 75%
CMY	0.0000, 0.1333, 0.2471
CMYK	0.00, 0.13, 0.25, 0.00
HSL	28°, 100%, 88%
HSV	28°, 25%, 100%
XYZ	76.6108, 76.7786, 60.6511
YIQ	227.8600, 29.5730, -1.8110

# Conversions

## Conversions Part 2

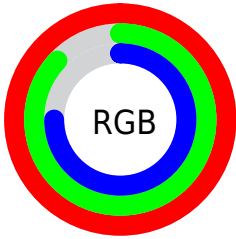
Format	Color
R <sub>Y</sub> B	255, 246, 192
Decimal	16768448
CIE Lab	90.22, 7.48, 18.58
CIE LCh	90, 20.027, 68.080
Yxy	76.7820, 0.3579, 0.3587
Android (android.graphics.Color)	4294958528 (0xFFFFDDC0)
YUV	227.8600, -17.6790, 23.8018
Hunter-Lab	87.6234, 2.7250, 20.2971

# Details

The HunterLab color  $87.6234, 2.7250, 20.2971$  is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be  $85.3328, -9.2152, -13.3139$ , and the grayscale version is  $88.0868, -4.7001, 4.7859$ .

A 20% lighter version of the original color is  $99.7784, -6.5511, 8.5977$ , and  $64.1196, 3.3555, 17.3352$  is the 20% darker color. If you saturate the color by 10%, you get  $82.9318, 6.7012, 25.2547$ , and if you desaturate by 10%, it is  $92.5087, -0.8287, 14.6962$ .

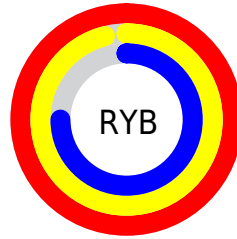
# Distribution



Red (100%)

Green (87%)

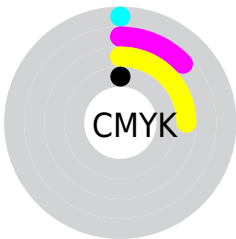
Blue (75%)



Red (100%)

Yellow (96%)

Blue (75%)

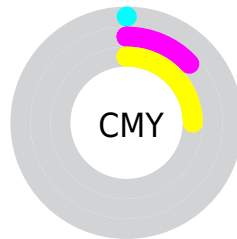


Cyan (0%)

Magenta (13%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (13%)


Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.6234, 2.7250, 20.2971 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 87.6234, 2.7250, 20.2971 by changing the saturation by 10% instead.



 87.6234, 2.7250,  
20.2971

 87.6234, 2.7250,  
20.2971


220.0047, -1.7648,  
34.1132

 75.5473, 3.0219,  
18.7314


 113.5041, 1.9858,  
23.3888

 64.0817, 3.2714,  
17.1412

127.2565, 1.5556,  
24.9216

 53.2631, 3.4656,  
15.5183


141.5235, 1.0873,  
26.4507

 43.1329, 3.5983,  
13.8492

156.2870, 0.5827,  
27.9786

 33.7414, 3.6612,  
12.1144

171.5310, 0.0438,  
29.5073

 25.1521, 3.6431,  
10.2838

187.2407, -0.5280,

 17.4485, 3.5276,

31.0384

8.3088

203.4027, -1.1313,  
32.5733

■ 10.7471, 3.2889,  
7.5230

■ 1.5649, 20.7344,  
1.0954

■ 87.6234, 2.7250,  
20.2971

■ 87.6234, 2.7250,  
20.2971

■ 82.9318, 6.7012,  
25.2547

■ 92.5087, -0.8287,  
14.6962

■ 78.4466, 11.1351,  
29.4872

■ 97.5652, -3.9812,  
8.5197

■ 74.1901, 16.0410,  
32.9130

100.0000, -5.3358,  
5.4332

■ 70.1846, 21.4220,  
35.4507

■ 66.4528, 27.2582,  
37.0304

■ 63.0176, 33.4964,  
37.6115

■ 59.8988, 40.0363,  
37.2164

■ 58.3751, 43.5428,  
36.7328

# Harmonies

## Analogous

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



87.6254, 11.2105, 15.4608



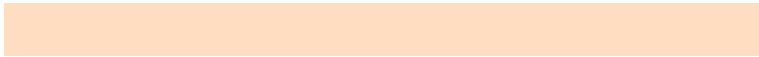
87.6234, 2.7250, 20.2971



87.6254, -7.4054, 21.2257

# Triad

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



87.6254, 2.7220, 20.2983



87.6254, -23.1704, 2.1209



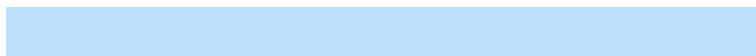
87.6254, 7.6794, -11.1314

# Complementary

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



87.6234, 2.7250, 20.2971



85.3328, -9.2152, -13.3139

# Split Complementary

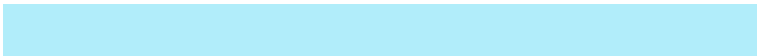
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.6254, -1.9212, -15.6648



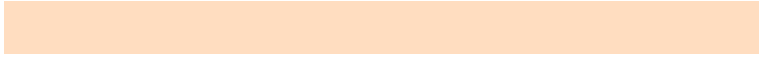
87.6234, 2.7250, 20.2971



87.6254, -19.5134, -7.4654

# Square

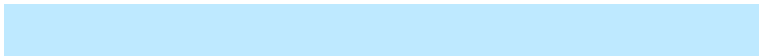
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.6254, 2.7220, 20.2983



87.6254, -22.0537, 11.4184



87.6254, -11.8445, -14.2520



87.6254, 14.1621, -2.4447



# Rectangle

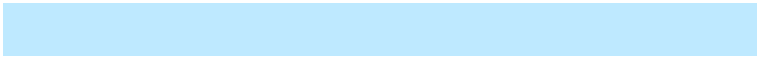
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.6234, 2.7250, 20.2971



87.6254, -13.6751, 19.6140



87.6254, -11.8445, -14.2520



87.6254, 4.6929, -13.2340

# Sweetspot

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



87.6254, 2.7220, 20.2983



96.3904, -3.2913, 9.9844



80.3037, 23.7499, -3.5712



44.4523, -1.4373, 4.7954

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



87.6254, 2.7220, 20.2983



85.1154, 4.7737, 23.0079



97.2587, -13.2506, 29.2970



44.0059, -1.1640, 5.3442



42.5403, 30.6345, 26.7494

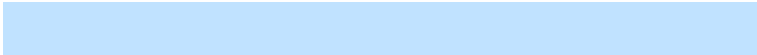


14.0629, 7.7081, 8.8004

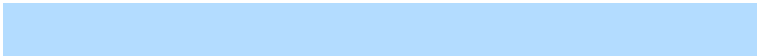


# Inverse Universe

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



85.3328, -9.2152, -13.3139



82.3498, -9.5911, -17.5398



75.8452, 6.9211, -27.1006



43.5909, -3.3334, -0.7408



36.7595, 5.1175, -56.9934



12.3869, -0.0351, -15.4067



# Previews

## White Background



This preview shows how the HunterLab color 87.6234, 2.7250, 20.2971 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

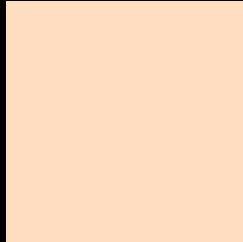
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.6234, 2.7250, 20.2971 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

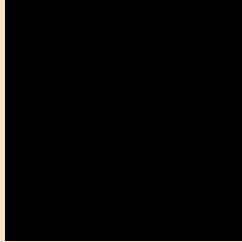
Any Text WCAG AA ✓ Pass

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 87.6234, 2.7250, 20.2971 Background



This preview shows how black text looks on a background with the HunterLab color 87.6234, 2.7250, 20.2971.



This preview shows how white text looks on a background with the HunterLab color 87.6234, 2.7250,



# 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

87.6234, 2.7250, 20.2971

### Protanopia

87.8800, -5.6847, 19.2187

### Deuteranopia

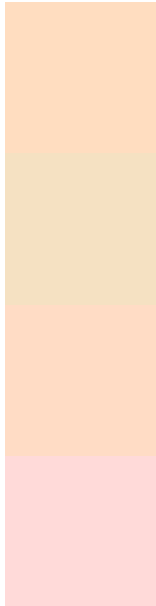
87.5309, 4.3728, 16.9992



## Tritanopia

87.5530, 10.8554, 2.9433

# Trichromacy



## Original Color

87.6234, 2.7250, 20.2971

## Protanomaly

87.8396, -2.6947, 19.6289

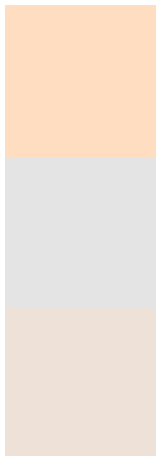
## Deuteranomaly

87.4515, 3.9459, 18.1433

## Tritanomaly

87.4143, 8.0077, 9.4794

# Monochromacy



## Original Color

87.6234, 2.7250, 20.2971

## Achromatopsia

88.0808, -4.6998, 4.7856

## Achromatomaly

87.7120, -1.9832, 10.5554

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.6234, 2.7250, 20.2971 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, 221, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 192)  
}
```

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, 221, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 192) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.6234, 2.7250, 20.2971 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, 221, 192) }
```



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

```
.border{ border-color:rgb(255, 221, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 221, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 221, 192); box-shadow:4px 4px 4px 4px rgb(255, 221, 192) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.6234, 2.7250, 20.2971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 192) }
```

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

```
.background{ background-color: rgb(255,  
221, 192) }
```

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