

# Converting Colors

HunterLab(74.8730, 8.4381,  
28.9088)

Have a look what the booklet for  
HunterLab(74.8730, 8.4381,  
28.9088) contains.

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# Color

**HunterLab(74.8891, 8.5067,  
29.0125)**

# Conversions

Conversions Part 1	
Format	Color
Hex	F2BB84
RGB	242, 187, 132
RGB Percent	95%, 73%, 52%
CMY	0.0510, 0.2666, 0.4823
CMYK	0.00, 0.23, 0.45, 0.05
HSL	30°, 81%, 73%
HSV	30°, 45%, 95%
XYZ	58.5530, 56.0838, 29.5690
YIQ	197.1750, 50.4350, -5.4450

# Conversions

## Conversions Part 2

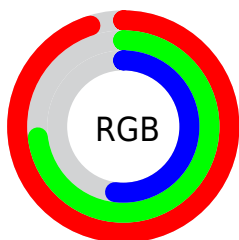
Format	Color
<a href="#">RYB</a>	<a href="#">242, 242, 132</a>
Decimal	<a href="#">15907716</a>
CIELab	<a href="#">79.66, 13.10, 35.42</a>
CIELCh	<a href="#">80, 37.766, 69.696</a>
Yxy	<a href="#">56.0865, 0.4060, 0.3889</a>
Android (android.graphics.Color)	<a href="#">4294097796</a> (0xFFFF2BB84)
YUV	<a href="#">197.1750, -32.1313, 39.3115</a>
Hunter-Lab	<a href="#">74.8891, 8.5067, 29.0125</a>

# Details

The HunterLab color **74.8891, 8.5067, 29.0125** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **68.4508, -6.8429, -30.7026**, and the grayscale version is **74.9150, -3.9973, 4.0703**.

A 20% lighter version of the original color is **94.2902, -9.4836, 28.7245**, and **52.7729, 8.4952, 23.6987** is the 20% darker color. If you saturate the color by 10%, you get **71.1193, 12.6451, 32.2632**, and if you desaturate by 10%, it is **78.8540, 4.8057, 24.9572**.

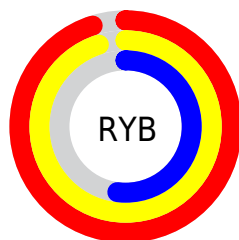
# Distribution



Red (95%)

Green (73%)

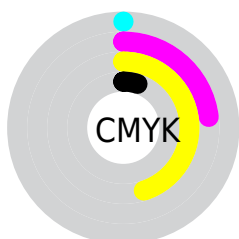
Blue (52%)



Red (95%)

Yellow (95%)

Blue (52%)

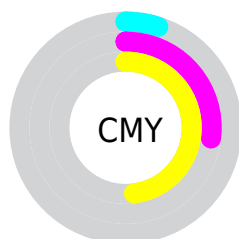


Cyan (0%)

Magenta (23%)

Yellow (45%)

Black (5%)



Cyan (5%)

Magenta (27%)

Yellow (48%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.8891, 8.5067, 29.0125 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 74.8891, 8.5067, 29.0125 by changing the saturation by 10% instead.





 74.8891, 8.5067,  
29.0125

 74.8891, 8.5067,  
29.0125

202.4888, 6.3397,  
49.7893

 63.4604, 8.4860,  
26.4250


 99.5645, 8.3561,  
33.9450

 52.6791, 8.3990,  
23.7275

 112.7520, 8.2011,  
36.3176

 42.5887, 8.2339,  
20.8918

 126.4751, 7.9971,  
38.6425

 33.2401, 7.9794,  
17.8784

140.7139, 7.7473,  
40.9278

 24.6979, 7.6203,  
14.6341

155.4501, 7.4544,  
43.1801

 17.0467, 7.1347,  
11.9327

170.6677, 7.1209,

 10.4058, 6.4915,

45.4050

7.2840


186.3517, 6.7487,  
47.6067

0.0000, INF, NaN


0.0000, NaN, NaN

 74.8891, 8.5067,  
29.0125


 74.8891, 8.5067,  
29.0125


 71.1193, 12.6451,  
32.2632


 78.8540, 4.8057,  
24.9572


 67.5556, 17.2356,  
34.6394

 82.9932, 1.5352,  
20.1657

 64.2161, 22.2628,  
36.0885

 87.2943, -1.3310,  
14.7092

 61.1167, 27.6890,  
36.5867


 91.7442, -3.8197,  
8.6533


 58.2704, 33.4393,

 96.3312, -5.9588,

36.1692

2.0579

 57.0568, 36.1029,  
35.7902

 98.8014, -9.5307,  
3.9407

# Harmonies

## Analogous

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



74.8909, 24.8000, 22.3374



74.8891, 8.5067, 29.0125



74.8909, -9.7894, 29.9798

# Triad

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



74.8909, 8.5035, 29.0134



74.8909, -35.3994, -1.7351



74.8909, 19.6282, -26.2435

# Complementary

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



74.8891, 8.5067, 29.0125



68.4508, -6.8429, -30.7026

# 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.



74.8909, 1.9708, -36.6037



74.8891, 8.5067, 29.0125



74.8909, -29.0139, -20.3886

# Square

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



74.8909, 8.5035, 29.0134



74.8909, -34.0102, 14.7092



74.8909, -15.7335, -34.2375



74.8909, 31.6351, -8.3875



# Rectangle

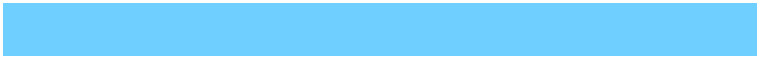
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.8891, 8.5067, 29.0125



74.8909, -20.5221, 27.5676



74.8909, -15.7335, -34.2375



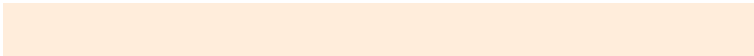
74.8909, 14.0915, -30.8906

# Sweetspot

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



74.8909, 8.5035, 29.0134



93.2988, -1.8098, 14.7380



62.4244, 44.7077, -5.4051



42.6987, -0.5547, 7.4332

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



74.8909, 8.5035, 29.0134



75.5914, 13.2809, 34.1488



91.6772, -19.2065, 42.0365



41.3096, -1.3152, 5.1232



42.1453, 25.7005, 26.4197



12.9486, 5.6411, 8.0776

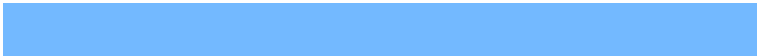


# Inverse Universe

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



68.4508, -6.8429, -30.7026



67.4467, -5.7956, -41.7074



52.7442, 22.0669, -61.5423



40.6626, -2.8977, -0.8344



33.2596, 8.4462, -59.8045



10.5795, 0.5961, -14.5101



# Previews

## White Background



This preview shows how the HunterLab color 74.8891, 8.5067, 29.0125 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

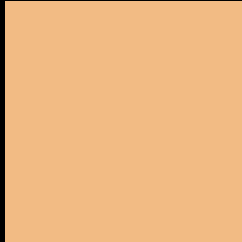
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 74.8891, 8.5067, 29.0125 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

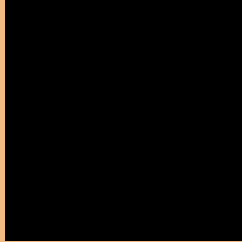
Any Text WCAG AA ✓ Pass

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 74.8891, 8.5067, 29.0125 Background



This preview shows how black text looks on a background with the HunterLab color 74.8891, 8.5067, 29.0125.



This preview shows how white text looks on a background with the HunterLab color 74.8891, 8.5067,



# 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

74.8891, 8.5067, 29.0125

### Protanopia

75.1411, -7.0915, 27.7985

### Deuteranopia

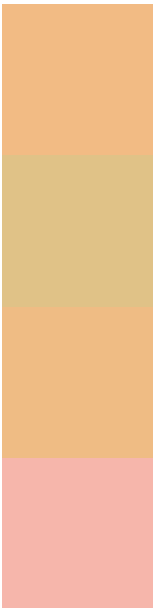
74.8770, 5.5335, 28.9502



## Tritanopia

74.8645, 22.6728, 6.5718

# Trichromacy



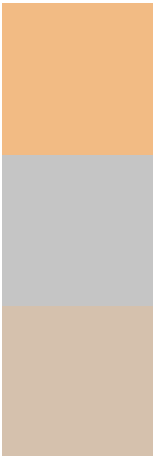
**Original Color**  
74.8891, 8.5067, 29.0125

**Protanomaly**  
74.9534, -1.6031, 28.0263

**Deuteranomaly**  
74.8219, 6.8213, 28.9260

**Tritanomaly**  
74.8258, 17.1604, 15.8791

# Monochromacy



**Original Color**  
74.8891, 8.5067, 29.0125

**Achromatopsia**  
74.7222, -3.9870, 4.0598

**Achromatomaly**  
74.3661, -0.3971, 14.2968

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 74.8891, 8.5067, 29.0125 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(242, 187, 132)` looks like.

```
.text, #text, p{  
    color:rgb(242, 187, 132)  
}
```

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(242, 187, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 187, 132) }
```

## Border

The CSS property to change the border of an element to HunterLab 74.8891, 8.5067, 29.0125 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(242, 187, 132) }
```



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

```
.border{ border-color:rgb(242, 187, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 187, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 187, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 187, 132);  
box-shadow:4px 4px 4px 4px rgb(242, 187,  
132) }
```

# Background

The CSS property to change the background color of an element to HunterLab 74.8891, 8.5067, 29.0125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 187, 132) }
```

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

```
.background{ background-color: rgb(242,  
187, 132) }
```

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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