

# Converting Colors

HunterLab(74.8774, 9.4162,  
24.6630)

Have a look what the booklet for  
HunterLab(74.8774, 9.4162,  
24.6630) contains.

<b>HunterLab(74.9275, 9.1799, 24.8120)</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(74.9275, 9.1799,  
24.8120)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F0BB92
RGB	240, 187, 146
RGB Percent	94%, 73%, 57%
CMY	0.0588, 0.2666, 0.4274
CMYK	0.00, 0.22, 0.39, 0.06
HSL	26°, 76%, 76%
HSV	26°, 39%, 94%
XYZ	58.8939, 56.1413, 34.9265
YIQ	198.1730, 44.7490, -1.5150

# Conversions

## Conversions Part 2

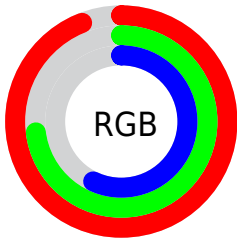
Format	Color
R <sub>Y</sub> B	240, 219, 146
Decimal	15776658
CIE Lab	79.70, 13.79, 28.08
CIE LCh	80, 31.285, 63.851
Yxy	56.1440, 0.3927, 0.3744
Android (android.graphics.Color)	4293966738 (0xFFFF0BB92)
YUV	198.1730, -25.7213, 36.6823
Hunter-Lab	74.9275, 9.1799, 24.8120

# Details

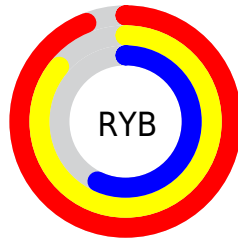
The HunterLab color **74.9275, 9.1799, 24.8120** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **72.9707, -10.2696, -22.1981**, and the grayscale version is **75.3149, -4.0186, 4.0920**.

A 20% lighter version of the original color is **94.6210, -7.6589, 23.9310**, and **52.7461, 8.8193, 20.4866** is the 20% darker color. If you saturate the color by 10%, you get **70.7109, 13.7909, 28.3742**, and if you desaturate by 10%, it is **79.3633, 4.9922, 20.5788**.

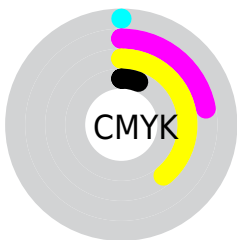
# Distribution



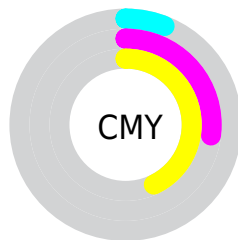
- Red (94%)
- Green (73%)
- Blue (57%)



- Red (94%)
- Yellow (86%)
- Blue (57%)



- Cyan (0%)
- Magenta (22%)
- Yellow (39%)
- Black (6%)




- Cyan (6%)
- Magenta (27%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.9275, 9.1799, 24.8120 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 74.9275, 9.1799, 24.8120 by changing the saturation by 10% instead.




 74.9275, 9.1799,  
24.8120


 74.9275, 9.1799,  
24.8120

202.5423, 7.2478,  
42.5026

 63.4967, 9.1281,  
22.6690

 99.6067, 9.0880,  
28.9365

 52.7132, 9.0083,  
20.4491

 112.7960, 8.9606,  
30.9381

 42.6205, 8.8087,  
18.1306


126.5208, 8.7833,  
32.9103

 33.2694, 8.5177,  
15.6809

140.7612, 8.5594,  
34.8589

 24.7244, 8.1196,  
13.0530

155.4991, 8.2915,  
36.7889

 17.0701, 7.5926,  
10.5225

170.7182, 7.9823,

 10.4257, 6.9054,

38.7041

7.2980

186.4038, 7.6338,  
40.6078

0.0000, INF, NaN

0.0000, NaN, NaN

■ 74.9275, 9.1799,  
24.8120

■ 74.9275, 9.1799,  
24.8120

■ 70.7109, 13.7909,  
28.3742

■ 79.3633, 4.9922,  
20.5788

■ 66.7306, 18.8437,  
31.1818

■ 83.9926, 1.2161,  
15.7483

■ 63.0123, 24.3256,  
33.1576

■ 88.7993, -2.1786,  
10.3914

■ 59.5810, 30.1982,  
34.2391

■ 93.7672, -5.2219,  
4.5698

■ 56.4604, 36.3822,

■ 98.5129, -9.9811,

34.4012

3.5888

■ 53.6668, 42.7249,  
33.7537

■ 98.6232, -10.1589,  
3.7173

■ 53.4474, 43.2479,  
33.6912

# Harmonies

## Analogous

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



74.9293, 21.5657, 17.8441



74.9275, 9.1799, 24.8120



74.9293, -5.9347, 26.6664

# Triad

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



74.9293, 9.1768, 24.8130



74.9293, -30.7337, 2.2071



74.9293, 12.8009, -22.5611

# Complementary

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



74.9275, 9.1799, 24.8120



72.9707, -10.2696, -22.1981

# 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.



74.9293, -2.0496, -28.8973



74.9275, 9.1799, 24.8120



74.9293, -26.5434, -12.9248

# Square

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



74.9293, 9.1768, 24.8130



74.9293, -28.2396, 15.2203



74.9293, -16.3287, -25.0642



74.9293, 23.7712, -9.0899



# Rectangle

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



74.9275, 9.1799, 24.8120



74.9293, -15.3433, 25.1330



74.9293, -16.3287, -25.0642



74.9293, 8.0566, -25.7048

# Sweetspot

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



74.9293, 9.1768, 24.8130



93.6303, -1.3290, 12.8346



65.7416, 38.5070, -7.6935



43.0038, -0.3979, 6.2906

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



74.9293, 9.1768, 24.8130



76.6405, 13.7412, 29.6907



89.0475, -14.5715, 36.5086



41.1014, -0.9639, 4.8982



39.8644, 31.1947, 25.1104



12.3148, 7.0462, 7.7117



# Inverse Universe

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



72.9707, -10.2696, -22.1981



74.1365, -10.9052, -30.1700



59.1152, 13.8702, -46.0125



40.8748, -3.2456, -0.5756



36.3950, 2.5730, -51.0450



11.3999, -0.8033, -12.5148



# Previews

## White Background



This preview shows how the HunterLab color 74.9275, 9.1799, 24.8120 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

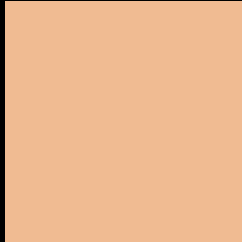
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 74.9275, 9.1799, 24.8120 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

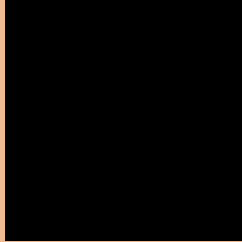
Any Text WCAG AA ✓ Pass

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 74.9275, 9.1799, 24.8120 Background



This preview shows how black text looks on a background with the HunterLab color 74.9275, 9.1799, 24.8120.



This preview shows how white text looks on a background with the HunterLab color 74.9275, 9.1799,



# 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

74.9275, 9.1799, 24.8120

### Protanopia

75.1475, -6.4613, 23.0925

### Deuteranopia

75.0757, 5.2247, 25.1973



## Tritanopia

74.7998, 21.1482, 6.0055

# Trichromacy



**Original Color**

74.9275, 9.1799, 24.8120

**Protanomaly**

75.0221, -0.8059, 23.7429

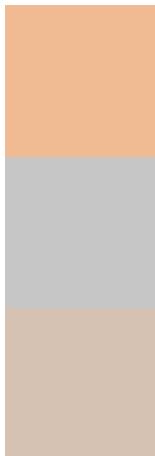
**Deuteranomaly**

75.0149, 6.4997, 25.1650

**Tritanomaly**

74.8973, 16.2905, 13.5092

# Monochromacy



**Original Color**

74.9275, 9.1799, 24.8120

**Achromatopsia**

75.1473, -4.0097, 4.0829

**Achromatomaly**

74.8227, -0.0420, 12.3103

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 74.9275, 9.1799, 24.8120 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(240, 187, 146)` looks like.

```
.text, #text, p{  
    color:rgb(240, 187, 146)  
}
```

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(240, 187, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 187, 146) }
```

## Border

The CSS property to change the border of an element to HunterLab 74.9275, 9.1799, 24.8120 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(240, 187, 146) }
```



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

```
.border{ border-color:rgb(240, 187, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 187, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 187, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 187, 146);  
box-shadow:4px 4px 4px 4px rgb(240, 187,  
146) }
```

# Background

The CSS property to change the background color of an element to HunterLab 74.9275, 9.1799, 24.8120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 187, 146) }
```

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

```
.background{ background-color: rgb(240,  
187, 146) }
```

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