

# Converting Colors

HunterLab(70.9094, 12.7286,  
18.4026)

Have a look what the booklet for  
HunterLab(70.9094, 12.7286,  
18.4026) contains.

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# Color

**HunterLab(70.9737, 12.3942,  
18.4116)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7B09A
RGB	231, 176, 154
RGB Percent	91%, 69%, 60%
CMY	0.0941, 0.3098, 0.3961
CMYK	0.00, 0.24, 0.33, 0.09
HSL	17°, 62%, 75%
HSV	17°, 33%, 91%
XYZ	54.3130, 50.3727, 37.4321
YIQ	189.9370, 39.8420, 4.8180

# Conversions

## Conversions Part 2

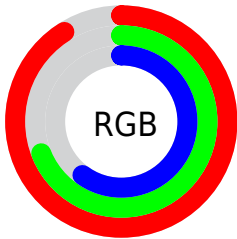
Format	Color
R <sub>Y</sub> B	231, 185, 154
Decimal	15184026
CIE Lab	76.30, 17.08, 19.03
CIE LCh	76, 25.568, 48.092
Yxy	50.3750, 0.3822, 0.3544
Android (android.graphics.Color)	4293374106 (0xFFE7B09A)
YUV	189.9370, -17.7169, 36.0123
Hunter-Lab	70.9737, 12.3942, 18.4116

# Details

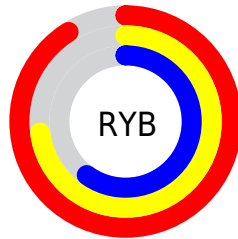
The HunterLab color **70.9737, 12.3942, 18.4116** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **76.3141, -15.3127, -11.9800**, and the grayscale version is **71.7931, -3.8307, 3.9007**.

A 20% lighter version of the original color is **91.3933, -0.7963, 17.5892**, and **49.1364, 12.0471, 15.0050** is the 20% darker color. If you saturate the color by 10%, you get **66.0273, 18.3546, 21.7569**, and if you desaturate by 10%, it is **76.2158, 6.8201, 14.6843**.

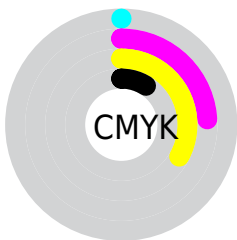
# Distribution



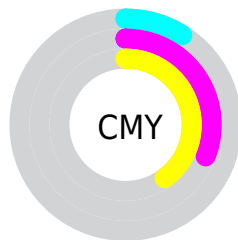
- Red (91%)
- Green (69%)
- Blue (60%)



- Red (91%)
- Yellow (73%)
- Blue (60%)



- Cyan (0%)
- Magenta (24%)
- Yellow (33%)
- Black (9%)



- Cyan (9%)
- Magenta (31%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.9737, 12.3942, 18.4116 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 70.9737, 12.3942, 18.4116 by changing the saturation by 10% instead.




 70.9737, 12.3942,  
18.4116


 70.9737, 12.3942,  
18.4116


197.0103, 11.7478,  
32.4528

 59.7591, 12.1674,  
16.7849

 95.2525, 12.6279,  
21.5913

 49.2051, 11.8622,  
15.1177


 108.2547, 12.6527,  
23.1564

 39.3580, 11.4653,  
13.3949


121.8000, 12.6217,  
24.7121

 30.2727, 10.9626,  
11.5929

135.8674, 12.5387,  
26.2620

 22.0194, 10.3356,  
9.6747

150.4382, 12.4072,  
27.8089

 14.6925, 9.5598,  
7.7249

165.4955, 12.2299,

 8.3506, 8.9595,

29.3552

5.8454

181.0242, 12.0094,  
30.9026

0.0000, INF, NaN

0.0000, NaN, NaN

■ 70.9737, 12.3942,  
18.4116

■ 70.9737, 12.3942,  
18.4116

■ 66.0273, 18.3546,  
21.7569

■ 76.2158, 6.8201,  
14.6843

■ 61.4125, 24.7046,  
24.6311

■ 81.7134, 1.6241,  
10.6418

■ 57.1775, 31.3983,  
26.9347

■ 87.4385, -3.2251,  
6.3403

■ 53.3730, 38.3355,  
28.5601

■ 93.3658, -7.7602,  
1.8230

■ 50.0512, 45.3373,

■ 97.8412, -12.9292,

29.4123

2.7323

■ 47.2593, 52.1329,  
29.4476

■ 45.7024, 56.3459,  
29.1480

# Harmonies

## Analogous

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



70.9754, 19.6533, 10.3854



70.9737, 12.3942, 18.4116



70.9754, 1.0633, 22.2540

# Triad

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



70.9754, 12.3913, 18.4127



70.9754, -25.1092, 8.2709



70.9754, 3.5638, -20.4993

# Complementary

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



70.9737, 12.3942, 18.4116



76.3141, -15.3127, -11.9800

# 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.



70.9754, -8.5180, -21.3219



70.9737, 12.3942, 18.4116



70.9754, -24.5387, -3.3430

# Square

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



70.9754, 12.3913, 18.4127



70.9754, -20.2558, 17.0884



70.9754, -18.6418, -14.6166



70.9754, 14.3269, -12.5277



# Rectangle

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



70.9737, 12.3942, 18.4116



70.9754, -7.0295, 22.4350



70.9754, -18.6418, -14.6166



70.9754, -0.4931, -21.6644

# Sweetspot

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



70.9754, 12.3913, 18.4127



93.4828, -0.0027, 10.3562



66.8679, 32.5828, -11.8173



42.8345, 0.3592, 5.1017

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



70.9754, 12.3913, 18.4127



75.5493, 18.4065, 23.2243



82.2045, -7.2440, 28.4769



38.7755, -0.1374, 4.1592



34.4861, 41.4064, 21.9750



10.1664, 9.0742, 6.4234

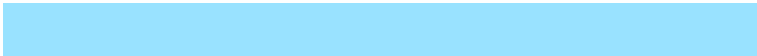


# Inverse Universe

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



76.3141, -15.3127, -11.9800



82.6461, -18.6217, -17.2711



64.5340, 3.9389, -29.6235



39.5016, -3.8710, 0.0411



43.0578, -10.1044, -32.0059



12.3558, -3.6892, -7.4798



# Previews

## White Background



This preview shows how the HunterLab color 70.9737, 12.3942, 18.4116 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

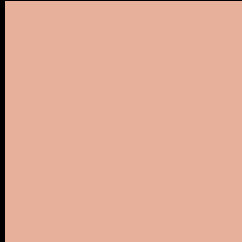
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 70.9737, 12.3942, 18.4116 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

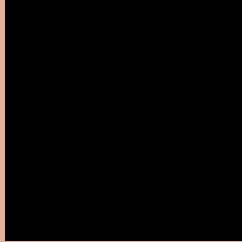
Any Text WCAG AA ✓ Pass

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 70.9737, 12.3942, 18.4116 Background



This preview shows how black text looks on a background with the HunterLab color 70.9737, 12.3942, 18.4116.



This preview shows how white text looks on a background with the HunterLab color 70.9737, 12.3942,



# 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

70.9737, 12.3942, 18.4116

### Protanopia

71.0706, -4.7790, 15.9647

### Deuteranopia

70.9984, 5.1985, 18.6728



## Tritanopia

71.0635, 19.9217, 5.8432

# Trichromacy



## Original Color

70.9737, 12.3942, 18.4116

## Protanomaly

71.0290, 1.0766, 16.7850

## Deuteranomaly

70.8718, 7.7022, 18.5937

## Tritanomaly

70.8991, 17.3887, 10.5046

# Monochromacy



## Original Color

70.9737, 12.3942, 18.4116

## Achromatopsia

71.7578, -3.8288, 3.8987

## Achromatomaly

71.3102, 1.5202, 9.3839

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 70.9737, 12.3942, 18.4116 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(231, 176, 154)` looks like.

```
.text, #text, p{  
    color:rgb(231, 176, 154)  
}
```

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(231, 176, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 176, 154) }
```

## Border

The CSS property to change the border of an element to HunterLab 70.9737, 12.3942, 18.4116 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(231, 176, 154) }
```



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

```
.border{ border-color:rgb(231, 176, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 176, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 176, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 176, 154); box-shadow:4px 4px 4px 4px rgb(231, 176, 154) }
```

# Background

The CSS property to change the background color of an element to HunterLab 70.9737, 12.3942, 18.4116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 176, 154) }
```

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

```
.background{ background-color: rgb(231,  
176, 154) }
```

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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