

# Converting Colors

HunterLab(84.7373, 37.1737,  
41.6316)

Have a look what the booklet for  
HunterLab(84.7373, 37.1737,  
41.6316) contains.

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# Color

**HunterLab(76.4469, 11.5931,  
34.9624)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFBC72
RGB	255, 188, 114
RGB Percent	100%, 74%, 45%
CMY	0.0000, 0.2627, 0.5529
CMYK	0.00, 0.26, 0.55, 0.00
HSL	31°, 100%, 72%
HSV	31°, 55%, 100%
XYZ	62.2604, 58.4413, 23.9184
YIQ	199.5970, 63.6860, -8.8100

# Conversions

## Conversions Part 2

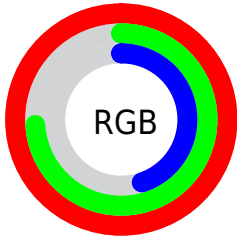
Format	Color
R <sub>Y</sub> B	242, 255, 114
Decimal	16759922
CIE Lab	80.99, 16.20, 46.54
CIE LCh	81, 49.278, 70.805
Yxy	58.4441, 0.4305, 0.4041
Android (android.graphics.Color)	4294950002 (0xFFFFBC72)
YUV	199.5970, -42.1993, 48.5884
Hunter-Lab	76.4469, 11.5931, 34.9624

# Details

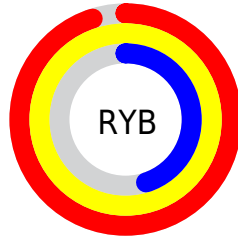
The HunterLab color **76.4469, 11.5931, 34.9624** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **66.2142, -3.9657, -43.9825**, and the grayscale version is **75.9834, -4.0543, 4.1283**.

A 20% lighter version of the original color is **94.2080, -12.2124, 34.8281**, and **54.1192, 11.0565, 28.3897** is the 20% darker color. If you saturate the color by 10%, you get **72.7878, 16.1466, 37.5246**, and if you desaturate by 10%, it is **80.3144, 7.5125, 31.4466**.

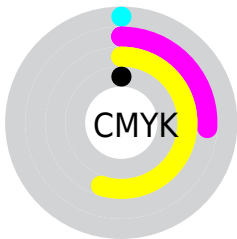
# Distribution



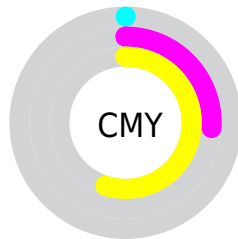
- Red (100%)
- Green (74%)
- Blue (45%)



- Red (95%)
- Yellow (100%)
- Blue (45%)



- Cyan (0%)
- Magenta (26%)
- Yellow (55%)
- Black (0%)




- Cyan (0%)
- Magenta (26%)
- Yellow (55%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.4469, 11.5931, 34.9624 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 76.4469, 11.5931, 34.9624 by changing the saturation by 10% instead.





 76.4469, 11.5931,  
34.9624


 76.4469, 11.5931,  
34.9624


204.6555, 10.4327,  
60.4936

 64.9352, 11.4399,  
31.7018


 101.2765, 11.6914,  
41.1298

 54.0658, 11.2151,  
28.2879

 114.5360, 11.6546,  
44.0728

 43.8814, 10.9058,  
24.6880


 128.3285, 11.5649,  
46.9413

 34.4314, 10.5000,  
20.8610

142.6340, 11.4261,  
49.7465

 25.7782, 9.9819,  
16.9377

157.4348, 11.2409,  
52.4973

 18.0033, 9.3298,  
12.6023

172.7148, 11.0122,

 11.2202, 8.5151,

55.2014

7.8541

188.4595, 10.7421,  
57.8650

■ 3.3024, 21.2023,  
2.3117

0.0000, NaN, NaN

■ 76.4469, 11.5931,  
34.9624

■ 76.4469, 11.5931,  
34.9624

■ 72.7878, 16.1466,  
37.5246

■ 80.3144, 7.5125,  
31.4466

■ 69.3464, 21.1739,  
39.0806

■ 84.3699, 3.9087,  
27.0405

■ 66.1382, 26.6374,  
39.6140

■ 88.6011, 0.7608,  
21.8169

■ 63.1738, 32.4676,  
39.1693

■ 92.9946, -1.9550,  
15.8479

61.8595, 35.2823,  
38.7352

97.5380, -4.2663,  
9.2025

99.9999, -5.3360,  
5.4331

# Harmonies

## Analogous

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



76.4488, 33.8255, 27.5356



76.4469, 11.5931, 34.9624



76.4488, -12.4928, 35.8106

# Triad

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



76.4488, 11.5895, 34.9633



76.4488, -44.1217, -4.4781



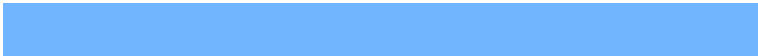
76.4488, 28.2581, -36.7807

# Complementary

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



76.4469, 11.5931, 34.9624



66.2142, -3.9657, -43.9825

# 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.



76.4488, 4.7064, -52.3005



76.4469, 11.5931, 34.9624



76.4488, -35.7962, -30.1947

# Square

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



76.4488, 11.5895, 34.9633



76.4488, -42.7568, 17.1620



76.4488, -18.5870, -49.5768



76.4488, 44.2348, -11.6195



# Rectangle

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



76.4469, 11.5931, 34.9624



76.4488, -26.1828, 32.9521



76.4488, -18.5870, -49.5768



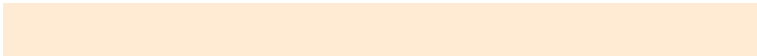
76.4488, 20.8522, -43.6014

# Sweetspot

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



76.4488, 11.5895, 34.9633



92.2340, -1.5209, 16.9165



60.5629, 58.2307, -5.0679



42.2600, -0.4601, 8.3964

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



76.4488, 11.5895, 34.9633



72.5374, 16.4868, 37.6682



96.7220, -23.1415, 49.4355



44.2323, -1.5454, 5.5885



45.0514, 24.7403, 28.1936

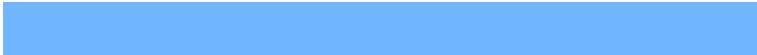


14.8157, 6.0581, 9.2354



# Inverse Universe

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



66.2142, -3.9657, -43.9825



60.6191, -0.9312, -55.1966



47.9503, 32.6673, -86.8621



43.3606, -2.9551, -1.0223



33.5149, 11.4467, -66.6009



11.4482, 1.6378, -17.8449



# Previews

## White Background



This preview shows how the HunterLab color 76.4469, 11.5931, 34.9624 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 76.4469, 11.5931, 34.9624 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

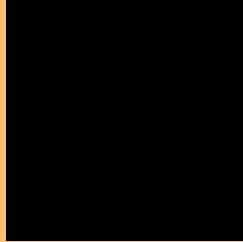
Any Text WCAG AA ✓ Pass

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 76.4469, 11.5931, 34.9624 Background



This preview shows how black text looks on a background with the HunterLab color 76.4469, 11.5931, 34.9624.



This preview shows how white text looks on a background with the HunterLab color 76.4469, 11.5931,



# 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

76.4469, 11.5931, 34.9624

### Protanopia

76.4705, -7.6925, 33.4544

### Deuteranopia

76.4751, 5.8322, 35.1136



## Tritanopia

76.5285, 23.7347, 8.4846

# Trichromacy



## Original Color

76.4469, 11.5931, 34.9624

## Protanomaly

76.2154, -0.9223, 33.8552

## Deuteranomaly

76.5465, 7.5406, 35.1988

## Tritanomaly

76.3029, 18.7187, 20.0542

# Monochromacy



## Original Color

76.4469, 11.5931, 34.9624

## Achromatopsia

75.9987, -4.0551, 4.1292

## Achromatomaly

75.8684, -0.0350, 17.4152

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 76.4469, 11.5931, 34.9624 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, 188, 114)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 114)  
}
```

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, 188, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 114) }
```

## Border

The CSS property to change the border of an element to HunterLab 76.4469, 11.5931, 34.9624 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, 188, 114) }
```



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

```
.border{ border-color:rgb(255, 188, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 188, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 114);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
114) }
```

# Background

The CSS property to change the background color of an element to HunterLab 76.4469, 11.5931, 34.9624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 114) }
```

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

```
.background{ background-color: rgb(255,  
188, 114) }
```

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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