

# Converting Colors

HunterLab(78.0243, 29.5288,  
35.3611)

Have a look what the booklet for  
HunterLab(78.0243, 29.5288,  
35.3611) contains.

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# Color

**HunterLab(74.0487, 16.7123,  
31.9468)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB377
RGB	255, 179, 119
RGB Percent	100%, 70%, 47%
CMY	0.0000, 0.2980, 0.5333
CMYK	0.00, 0.30, 0.53, 0.00
HSL	26°, 100%, 73%
HSV	26°, 53%, 100%
XYZ	60.6899, 54.8321, 24.8377
YIQ	194.8840, 64.5560, -2.5480

# Conversions

## Conversions Part 2

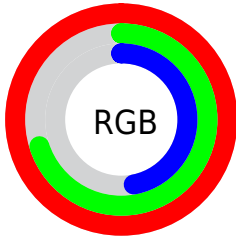
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 226, 119
Decimal	16757623
CIE <sub>Lab</sub>	78.95, 21.31, 41.50
CIE <sub>LCh</sub>	79, 46.647, 62.819
Yxy	54.8348, 0.4324, 0.3907
Android (android.graphics.Color)	4294947703 (0xFFFFB377)
YUV	194.8840, -37.4108, 52.7217
Hunter-Lab	74.0487, 16.7123, 31.9468

# Details

The HunterLab color **74.0487, 16.7123, 31.9468** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **70.8307, -10.1164, -35.7242**, and the grayscale version is **73.9597, -3.9463, 4.0184**.

A 20% lighter version of the original color is **91.4632, -7.0652, 30.9349**, and **51.9167, 15.8698, 25.8388** is the 20% darker color. If you saturate the color by 10%, you get **69.9158, 22.2774, 34.5906**, and if you desaturate by 10%, it is **78.4487, 11.6126, 28.4490**.

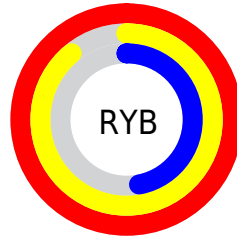
# Distribution



Red (100%)

Green (70%)

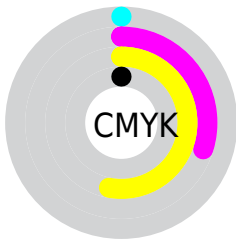
Blue (47%)



Red (100%)

Yellow (89%)

Blue (47%)

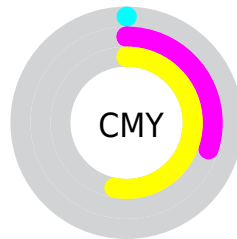


Cyan (0%)

Magenta (30%)

Yellow (53%)

Black (0%)



Cyan (0%)

Magenta (30%)


Yellow (53%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.0487, 16.7123, 31.9468 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 74.0487, 16.7123, 31.9468 by changing the saturation by 10% instead.





 74.0487, 16.7123,  
31.9468


 74.0487, 16.7123,  
31.9468


201.3170, 17.3752,  
55.3795


 62.6654, 16.3163,  
28.9745


 98.6402, 17.2660,  
37.5781

 51.9321, 15.8369,  
25.8634


 111.7884, 17.4439,  
40.2708

 41.8930, 15.2597,  
22.5812


 125.4738, 17.5615,  
42.8996

 32.6000, 14.5710,  
19.0847

139.6762, 17.6232,  
45.4744

 24.1185, 13.7534,  
15.4373

154.3774, 17.6324,  
48.0036

 16.5352, 12.7862,  
11.5746

169.5609, 17.5924,

 9.9727, 11.6515,

50.4939

6.9809

185.2120, 17.5058,  
52.9510

0.0000, INF, NaN

0.0000, NaN, NaN

■ 74.0487, 16.7123,  
31.9468

■ 74.0487, 16.7123,  
31.9468

■ 69.9158, 22.2774,  
34.5906

■ 78.4487, 11.6126,  
28.4490

■ 66.0703, 28.2977,  
36.2997

■ 83.0860, 6.9860,  
24.1806

■ 62.5399, 34.7129,  
37.0229

■ 87.9400, 2.8108,  
19.2272

■ 59.3483, 41.4166,  
36.7654

■ 92.9907, -0.9402,  
13.6678

■ 57.4120, 45.9387,

■ 98.2202, -4.2983,

36.1812

7.5725

100.0000, -5.3359,  
5.4331

# Harmonies

## Analogous

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



74.0505, 35.7165, 22.9351



74.0487, 16.7123, 31.9468



74.0505, -6.0560, 34.3329

# Triad

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



74.0505, 16.7087, 31.9477



74.0505, -42.1635, 1.9928



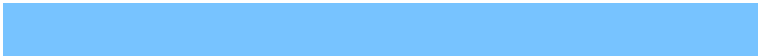
74.0505, 20.7964, -39.1938

# Complementary

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



74.0487, 16.7123, 31.9468



70.8307, -10.1164, -35.7242

# 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.



74.0505, -1.8306, -49.5052



74.0487, 16.7123, 31.9468



74.0505, -36.7102, -21.7150

# Square

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



74.0505, 16.7087, 31.9477



74.0505, -38.4268, 20.3742



74.0505, -22.5753, -42.3163



74.0505, 38.2662, -17.1727



# Rectangle

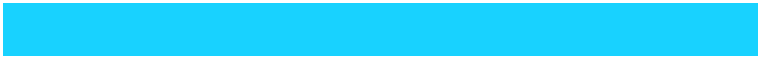
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.0487, 16.7123, 31.9468



74.0505, -19.8901, 32.6714



74.0505, -22.5753, -42.3163



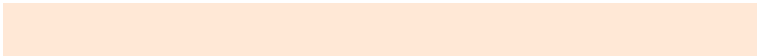
74.0505, 13.4528, -44.3971

# Sweetspot

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



74.0505, 16.7087, 31.9477



91.6254, 0.0206, 15.2059



62.0021, 57.9228, -10.7591



41.9067, 0.3616, 7.5717

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



74.0505, 16.7087, 31.9477



69.6499, 22.6657, 34.7346



94.0546, -17.5037, 46.6473



43.9386, -1.0504, 5.2715



41.8439, 32.3485, 26.3503

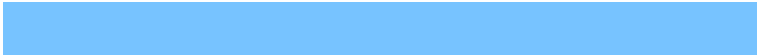


13.8499, 8.1946, 8.6777

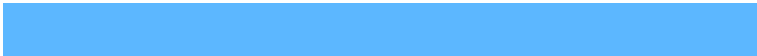


# Inverse Universe

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



70.8307, -10.1164, -35.7242



65.8400, -8.4678, -44.7738



51.5735, 25.2982, -76.5404



43.6595, -3.4458, -0.6571



37.7627, 3.2839, -54.2890



12.6741, -0.5213, -14.7161



# Previews

## White Background



This preview shows how the HunterLab color 74.0487, 16.7123, 31.9468 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 74.0487, 16.7123, 31.9468 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

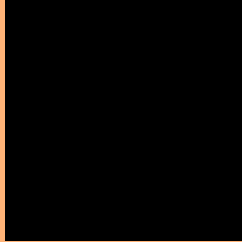
Any Text WCAG AA ✓ Pass

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 74.0487, 16.7123, 31.9468 Background



This preview shows how black text looks on a background with the HunterLab color 74.0487, 16.7123, 31.9468.



This preview shows how white text looks on a background with the HunterLab color 74.0487, 16.7123,



# 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

74.0487, 16.7123, 31.9468

### Protanopia

74.2339, -7.5599, 30.1140

### Deuteranopia

74.1634, 5.5777, 32.3424



## Tritanopia

73.9256, 27.4350, 9.2209

# Trichromacy



## Original Color

74.0487, 16.7123, 31.9468



## Protanomaly

73.9939, 0.7385, 30.5925



## Deuteranomaly

74.0419, 9.5747, 32.0672



## Tritanomaly

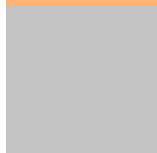
73.8195, 23.1610, 18.8110

# Monochromacy



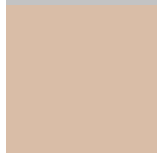
## Original Color

74.0487, 16.7123, 31.9468



## Achromatopsia

73.8732, -3.9417, 4.0137



## Achromatomaly

73.4418, 2.2083, 15.7786

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 74.0487, 16.7123, 31.9468 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, 179, 119)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 119)  
}
```

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, 179, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 119) }
```

## Border

The CSS property to change the border of an element to HunterLab 74.0487, 16.7123, 31.9468 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, 179, 119) }
```



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

```
.border{ border-color:rgb(255, 179, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 119);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
119) }
```

# Background

The CSS property to change the background color of an element to HunterLab 74.0487, 16.7123, 31.9468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 119) }
```

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

```
.background{ background-color: rgb(255,  
179, 119) }
```

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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