

Converting Colors

HunterLab(76.7569, 25.2676,
34.7943)

Have a look what the booklet for
HunterLab(76.7569, 25.2676,
34.7943) contains.

HunterLab(74.0166, 16.5453, 32.4172)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(74.0166, 16.5453,
32.4172)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB375
RGB	255, 179, 117
RGB Percent	100%, 70%, 46%
CMY	0.0000, 0.2980, 0.5412
CMYK	0.00, 0.30, 0.54, 0.00
HSL	27°, 100%, 73%
HSV	27°, 54%, 100%
XYZ	60.5710, 54.7846, 24.2117
YIQ	194.6560, 65.1980, -3.1700

Conversions

Conversions Part 2

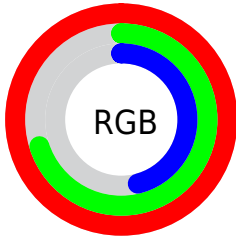
Format	Color
R_{YB}	255, 230, 117
Decimal	16757621
CIE _{Lab}	78.92, 21.15, 42.48
CIE _{LCh}	79, 47.455, 63.539
Yxy	54.7873, 0.4340, 0.3925
Android (android.graphics.Color)	4294947701 (0xFFFFB375)
YUV	194.6560, -38.2844, 52.9217
Hunter-Lab	74.0166, 16.5453, 32.4172

Details

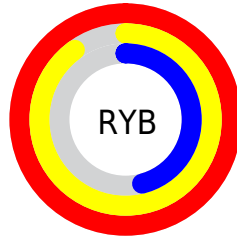
The HunterLab color **74.0166, 16.5453, 32.4172** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **70.0996, -9.4750, -36.9894**, and the grayscale version is **73.8664, -3.9413, 4.0133**.

A 20% lighter version of the original color is **91.4215, -7.2947, 31.5419**, and **51.8932, 15.7493, 26.1850** is the 20% darker color. If you saturate the color by 10%, you get **69.9438, 22.0407, 34.9984**, and if you desaturate by 10%, it is **78.3516, 11.5162, 28.9664**.

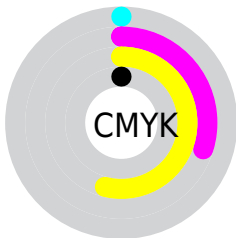
Distribution



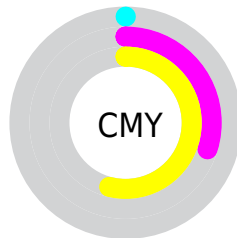
- Red (100%)
- Green (70%)
- Blue (46%)



- Red (100%)
- Yellow (90%)
- Blue (46%)



- Cyan (0%)
- Magenta (30%)
- Yellow (54%)
- Black (0%)





- Cyan (0%)
- Magenta (30%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 74.0166, 16.5453, 32.4172 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 74.0166, 16.5453, 32.4172 by changing the saturation by 10% instead.


 74.0166, 16.5453,
32.4172


 74.0166, 16.5453,
32.4172


201.2722, 17.1548,
56.2838


 62.6350, 16.1562,
29.3826


 98.6049, 17.0858,
38.1621

 51.9036, 15.6840,
26.2050


 111.7516, 17.2574,
40.9071

 41.8665, 15.1143,
22.8514


 125.4356, 17.3691,
43.5855

 32.5756, 14.4334,
19.2787

139.6366, 17.4248,
46.2077

 24.0964, 13.6239,
15.5987

154.3364, 17.4283,
48.7822

 16.5157, 12.6648,
11.5610

169.5186, 17.3827,

 9.9563, 11.5378,

51.3160

6.9694

185.1684, 17.2908,
53.8149

0.0000, INF, NaN

0.0000, NaN, NaN

■ 74.0166, 16.5453,
32.4172

■ 74.0166, 16.5453,
32.4172

■ 69.9438, 22.0407,
34.9984

■ 78.3516, 11.5162,
28.9664

■ 66.1524, 27.9922,
36.6330

■ 82.9200, 6.9616,
24.7274

■ 62.6688, 34.3403,
37.2755

■ 87.7019, 2.8602,
19.7852

■ 59.5147, 40.9800,
36.9398

■ 92.6780, -0.8145,
14.2186

■ 57.8143, 44.9314,

■ 97.8308, -4.0934,

36.4115

8.0986

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.



74.0184, 36.1041, 23.5127



74.0166, 16.5453, 32.4172



74.0184, -6.6314, 34.6688

Triad

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



74.0184, 16.5417, 32.4181



74.0184, -42.7136, 1.4170



74.0184, 21.7700, -39.6679

Complementary

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



74.0166, 16.5453, 32.4172



70.0996, -9.4750, -36.9894

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.



74.0184, -1.2368, -50.6267



74.0166, 16.5453, 32.4172



74.0184, -36.9682, -22.8138

Square

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



74.0184, 16.5417, 32.4181



74.0184, -39.1518, 20.2614



74.0184, -22.4357, -43.6812



74.0184, 39.3693, -16.9900

Rectangle

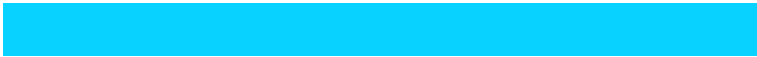
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.0166, 16.5453, 32.4172



74.0184, -20.6091, 32.9051



74.0184, -22.4357, -43.6812



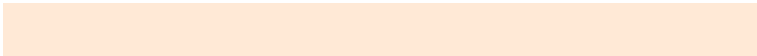
74.0184, 14.3192, -45.1098

Sweetspot

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



74.0184, 16.5417, 32.4181



91.7271, -0.1537, 15.3113



61.5891, 58.7937, -10.8368



41.9595, 0.2706, 7.6256

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



74.0184, 16.5417, 32.4181



69.5973, 22.5487, 35.1819



93.9862, -17.5797, 46.9890



43.9670, -1.0983, 5.3022



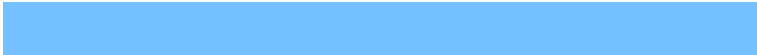
42.1350, 31.6276, 26.5171



13.9392, 7.9896, 8.7291

Inverse Universe

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



70.0996, -9.4750, -36.9894



64.9702, -7.5890, -46.4348



50.9661, 25.9416, -78.1998



43.6305, -3.3984, -0.6924



37.3371, 4.0553, -55.4223



12.5524, -0.3167, -15.0058

Previews

White Background



This preview shows how the HunterLab color 74.0166, 16.5453, 32.4172 looks on a white background.

Color Contrast Check

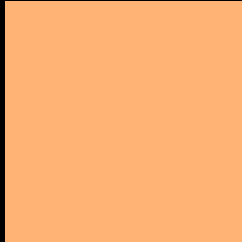
Large Text (above 18pt) WCAG AA × Fail

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 74.0166, 16.5453, 32.4172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

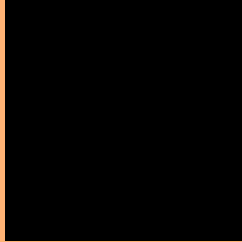
Any Text WCAG AA ✓ Pass

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 74.0166, 16.5453, 32.4172 Background



This preview shows how black text looks on a background with the HunterLab color 74.0166, 16.5453, 32.4172.



This preview shows how white text looks on a background with the HunterLab color 74.0166, 16.5453,

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

74.0166, 16.5453, 32.4172

Protanopia

74.1998, -7.7483, 30.6124

Deuteranopia

74.1320, 5.4097, 32.8022



Tritanopia

73.9256, 27.4350, 9.2209

Trichromacy



Original Color

74.0166, 16.5453, 32.4172

Protanomaly

73.9604, 0.5569, 31.0827

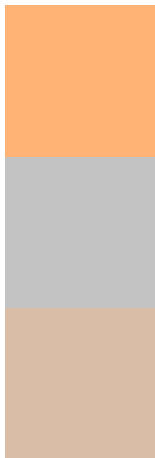
Deuteranomaly

74.0102, 9.4064, 32.5327

Tritanomaly

73.7957, 23.0393, 19.1555

Monochromacy



Original Color

74.0166, 16.5453, 32.4172

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 74.0166, 16.5453, 32.4172 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, 117)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 117)  
}
```

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, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 74.0166, 16.5453, 32.4172 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, 117) }
```


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

```
.border{ border-color:rgb(255, 179, 117) }
```

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, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 117);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
117) }
```

Background

The CSS property to change the background color of an element to HunterLab 74.0166, 16.5453, 32.4172 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, 117) }
```

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

```
.background{ background-color: rgb(255,  
179, 117) }
```

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