

Converting Colors

HunterLab(64.7894, 31.6822,
34.1284)

Have a look what the booklet for
HunterLab(64.7894, 31.6822,
34.1284) contains.

HunterLab(64.8434, 31.6096, 34.0897)	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(64.8434, 31.6096,
34.0897)**

Conversions

Conversions Part 1

Format	Color
Hex	FF914D
RGB	255, 145, 77
RGB Percent	100%, 57%, 30%
CMY	0.0000, 0.4313, 0.6980
CMYK	0.00, 0.43, 0.70, 0.00
HSL	23°, 100%, 65%
HSV	23°, 70%, 100%
XYZ	52.7050, 42.0467, 12.3592
YIQ	170.1380, 87.3880, 2.1720

Conversions

Conversions Part 2

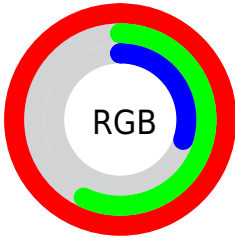
Format	Color
R_{YB}	255, 187, 77
Decimal	16748877
CIE Lab	70.90, 36.19, 53.00
CIE LCh	71, 64.176, 55.670
Yxy	42.0489, 0.4921, 0.3926
Android (android.graphics.Color)	4294938957 (0xFFFF914D)
YUV	170.1380, -45.9170, 74.4240
Hunter-Lab	64.8434, 31.6096, 34.0897

Details

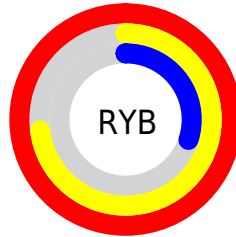
The HunterLab color **64.8434, 31.6096, 34.0897** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **66.5851, -12.2964, -43.4277**, and the grayscale version is **63.6187, -3.3945, 3.4565**.

A 20% lighter version of the original color is **80.0959, 6.5991, 34.0963**, and **43.8643, 29.4201, 26.2230** is the 20% darker color. If you saturate the color by 10%, you get **61.0491, 38.5735, 35.1950**, and if you desaturate by 10%, it is **69.0195, 24.9933, 32.0562**.

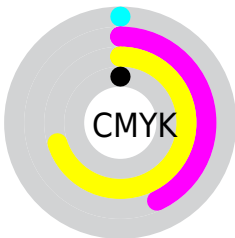
Distribution



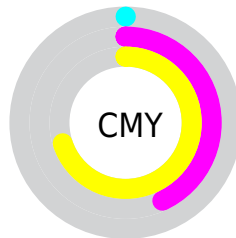
- Red (100%)
- Green (57%)
- Blue (30%)



- Red (100%)
- Yellow (73%)
- Blue (30%)



- Cyan (0%)
- Magenta (43%)
- Yellow (70%)
- Black (0%)



- Cyan (0%)
- Magenta (43%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.8434, 31.6096, 34.0897 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 64.8434, 31.6096, 34.0897 by changing the saturation by 10% instead.

64.8434, 31.6096,
34.0897

64.8434, 31.6096,
34.0897

188.3310, 37.6318,
63.2531

53.9811, 30.5091,
30.2479

88.4724, 33.4934,
41.2745

43.8023, 29.2985,
26.1949

101.1720, 34.3017,
44.6675

34.3585, 27.9638,
21.8944

114.4272, 35.0290,
47.9544

25.7120, 26.4981,
17.9522

128.2154, 35.6811,
51.1507

17.9446, 24.9086,
12.5612

142.5168, 36.2632,
54.2690

11.1700, 23.2599,
7.8190

157.3137, 36.7798,

3.1646, 50.0922,

57.3198

2.2152

172.5899, 37.2348,
60.3121

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.8434, 31.6096,
34.0897

■ 64.8434, 31.6096,
34.0897

■ 61.0491, 38.5735,
35.1950

■ 69.0195, 24.9933,
32.0562

■ 57.6671, 45.7603,
35.3304

■ 73.5353, 18.8124,
29.1750

■ 54.7238, 52.9258,
34.6315


■ 78.3574, 13.0927,
25.5443

■ 54.6699, 53.0631,
34.6163

■ 83.4534, 7.8339,
21.2606

■ 88.7946, 3.0172,

16.4118

 94.3557, -1.3866,
11.0751

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.



64.8451, 55.7751, 22.7750



64.8434, 31.6096, 34.0897



64.8451, 0.8608, 37.5196

Triad

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



64.8451, 31.6054, 34.0905



64.8451, -50.7631, 7.4606



64.8451, 22.8942, -66.0743

Complementary

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



64.8434, 31.6096, 34.0897



66.5851, -12.2964, -43.4277

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.



64.8451, -7.6773, -76.2747



64.8434, 31.6096, 34.0897



64.8451, -46.9628, -24.3622

Square

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



64.8451, 31.6054, 34.0905



64.8451, -43.8636, 27.1272



64.8451, -32.3703, -58.4537



64.8451, 50.1496, -34.7223

Rectangle

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



64.8434, 31.6096, 34.0897



64.8451, -18.0405, 36.8981



64.8451, -32.3703, -58.4537



64.8451, 12.5271, -72.5542

Sweetspot

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



64.8451, 31.6054, 34.0905



88.1434, 3.5714, 17.0194



55.0218, 76.1684, -17.0922



40.0896, 2.2543, 8.5097

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.8451, 31.6054, 34.0905



59.5775, 41.5738, 35.3697



88.9364, -12.6764, 49.8993



43.7317, -0.6996, 5.0470



39.8534, 37.4631, 25.2134



13.2276, 9.6727, 8.3201

Inverse Universe

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



66.5851, -12.2964, -43.4277



61.3489, -8.6346, -53.7808



42.4898, 33.7711, -105.2410



43.8717, -3.7922, -0.3995



40.9538, -2.2316, -46.3714



13.5807, -1.9895, -12.6800

Previews

White Background



This preview shows how the HunterLab color 64.8434, 31.6096, 34.0897 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 64.8434, 31.6096, 34.0897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

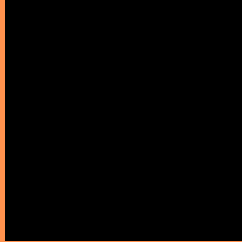
Any Text WCAG AA ✓ Pass

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 64.8434, 31.6096, 34.0897 Background



This preview shows how black text looks on a background with the HunterLab color 64.8434, 31.6096, 34.0897.



This preview shows how white text looks on a background with the HunterLab color 64.8434, 31.6096,

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

64.8434, 31.6096, 34.0897

Protanopia

64.9234, -7.6158, 31.8320

Deuteranopia

64.7897, 4.9308, 34.3990



Tritanopia

64.9508, 40.3550, 14.7733

Trichromacy



Original Color

64.8434, 31.6096, 34.0897



Protanomaly

64.2386, 6.1854, 32.1386



Deuteranomaly

64.6306, 14.2068, 34.1306



Tritanomaly

64.8352, 36.5515, 23.4549

Monochromacy



Original Color

64.8434, 31.6096, 34.0897



Achromatopsia

63.4017, -3.3830, 3.4447



Achromatomaly

62.9959, 6.7141, 17.0130

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.8434, 31.6096, 34.0897 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, 145, 77)` looks like.

```
.text, #text, p{  
    color:rgb(255, 145, 77)  
}
```

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, 145, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 145, 77) }
```

Border

The CSS property to change the border of an element to HunterLab 64.8434, 31.6096, 34.0897 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, 145, 77) }
```


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

```
.border{ border-color:rgb(255, 145, 77) }
```

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

Here you see how a box with a 4 pixel rgb(255, 145, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 145, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 145, 77);  
box-shadow:4px 4px 4px 4px rgb(255, 145,  
77) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.8434, 31.6096, 34.0897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 145, 77) }
```

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

```
.background{ background-color: rgb(255,  
145, 77) }
```

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