

Converting Colors

HunterLab(65.8225, 38.4090,
31.0317)

Have a look what the booklet for
HunterLab(65.8225, 38.4090,
31.0317) contains.

HunterLab(64.3965, 34.4122, 29.8708)	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(64.3965, 34.4122,
29.8708)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8E61
RGB	255, 142, 97
RGB Percent	100%, 56%, 38%
CMY	0.0000, 0.4431, 0.6196
CMYK	0.00, 0.44, 0.62, 0.00
HSL	17°, 100%, 69%
HSV	17°, 62%, 100%
XYZ	53.0707, 41.4691, 16.5165
YIQ	170.6570, 81.7930, 9.9610

Conversions

Conversions Part 2

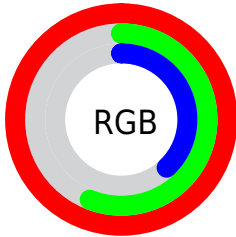
Format	Color
R_{YB}	255, 160, 97
Decimal	16748129
CIE _{Lab}	70.50, 38.86, 42.48
CIE _{LCh}	71, 57.576, 47.547
Yxy	41.4713, 0.4779, 0.3734
Android (android.graphics.Color)	4294938209 (0xFFFF8E61)
YUV	170.6570, -36.3129, 73.9688
Hunter-Lab	64.3965, 34.4122, 29.8708

Details

The HunterLab color **64.3965, 34.4122, 29.8708** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **74.7337, -20.8548, -29.3712**, and the grayscale version is **63.7966, -3.4040, 3.4662**.

A 20% lighter version of the original color is **79.6005, 10.1158, 28.0478**, and **43.4414, 31.6448, 23.3566** is the 20% darker color. If you saturate the color by 10%, you get **60.0661, 42.1997, 31.7834**, and if you desaturate by 10%, it is **69.2125, 26.9054, 27.2068**.

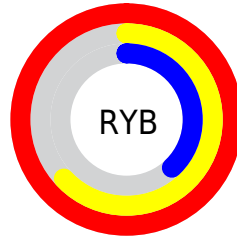
Distribution



Red (100%)

Green (56%)

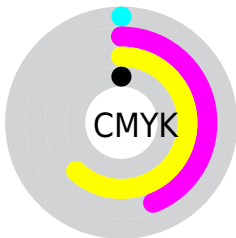
Blue (38%)



Red (100%)

Yellow (63%)

Blue (38%)

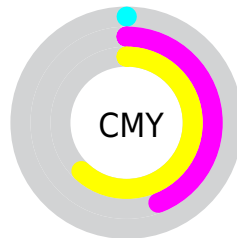


Cyan (0%)

Magenta (44%)

Yellow (62%)

Black (0%)



Cyan (0%)

Magenta (44%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.3965, 34.4122, 29.8708 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 64.3965, 34.4122, 29.8708 by changing the saturation by 10% instead.

64.3965, 34.4122,
29.8708

64.3965, 34.4122,
29.8708

187.6929, 41.3100,
54.2061

53.5607, 33.2023,
26.7188

87.9766, 36.5080,
35.7903

43.4103, 31.8807,
23.3960

100.6535, 37.4184,
38.6009

33.9971, 30.4352,
19.8616

113.8869, 38.2451,
41.3343

25.3840, 28.8633,
16.1173

127.6542, 38.9942,
44.0031

17.6538, 27.1826,
12.3577

141.9355, 39.6708,
46.6171

10.9220, 25.4893,
7.6454

156.7129, 40.2797,

2.3641, 72.2882,

49.1846

1.6549

171.9702, 40.8249,
51.7124

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.3965, 34.4122,
29.8708

■ 64.3965, 34.4122,
29.8708

■ 60.0661, 42.1997,
31.7834

■ 69.2125, 26.9054,
27.2068

■ 56.2758, 50.0855,
32.8303

■ 74.4515, 19.7986,
23.9113

■ 53.0821, 57.7660,
32.9546

■ 80.0626, 13.1312,
20.0978

■ 50.9681, 63.4964,
32.5179

■ 86.0001, 6.9057,
15.8620

■ 92.2246, 1.1010,

11.2811

98.7027, -4.3162,
6.4159

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.



64.3982, 52.2721, 16.3969



64.3965, 34.4122, 29.8708



64.3982, 7.8423, 35.0239

Triad

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



64.3982, 34.4081, 29.8717



64.3982, -45.7842, 13.0476



64.3982, 12.5407, -61.3713

Complementary

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



64.3965, 34.4122, 29.8708



74.7337, -20.8548, -29.3712

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.



64.3982, -13.9946, -63.4574



64.3965, 34.4122, 29.8708



64.3982, -44.9412, -12.7649

Square

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



64.3982, 34.4081, 29.8717



64.3982, -36.6901, 28.2712



64.3982, -34.1657, -43.0974



64.3982, 38.3202, -38.1968

Rectangle

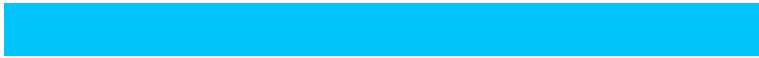
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.3965, 34.4122, 29.8708



64.3982, -9.9528, 35.2992



64.3982, -34.1657, -43.0974



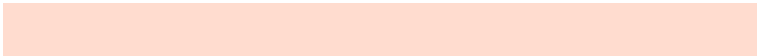
64.3982, 3.3433, -64.8202

Sweetspot

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



64.3982, 34.4081, 29.8717



87.8145, 5.1450, 14.5390



58.7149, 71.0724, -24.3000



39.8158, 3.1672, 7.3181

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.3982, 34.4081, 29.8717



59.2472, 43.8089, 32.0703



85.8561, -6.3930, 44.9820



43.3930, -0.1220, 4.6777



37.1374, 45.0313, 23.6722



12.3265, 11.9816, 7.8053

Inverse Universe

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



74.7337, -20.8548, -29.3712



70.9069, -20.2156, -35.7693



51.0461, 19.5176, -78.0900



44.2217, -4.3600, 0.0228



46.4749, -10.8727, -34.6186



15.1310, -4.3082, -9.6122

Previews

White Background



This preview shows how the HunterLab color 64.3965, 34.4122, 29.8708 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 64.3965, 34.4122, 29.8708 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 64.3965, 34.4122, 29.8708 Background



This preview shows how black text looks on a background with the HunterLab color 64.3965, 34.4122, 29.8708.



This preview shows how white text looks on a background with the HunterLab color 64.3965, 34.4122,

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

64.3965, 34.4122, 29.8708

Protanopia

64.5455, -6.7891, 26.6216

Deuteranopia

64.5601, 4.6326, 30.5640



Tritanopia

64.4543, 41.1699, 15.0451

Trichromacy



Original Color

64.3965, 34.4122, 29.8708

Protanomaly

63.9040, 7.0779, 27.3501

Deuteranomaly

64.3553, 15.1671, 30.1648

Tritanomaly

64.2730, 38.7001, 21.1236

Monochromacy



Original Color

64.3965, 34.4122, 29.8708

Achromatopsia

63.8154, -3.4050, 3.4672

Achromatomaly

63.0173, 8.5794, 14.1562

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.3965, 34.4122, 29.8708 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, 142, 97)` looks like.

```
.text, #text, p{  
    color:rgb(255, 142, 97)  
}
```

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, 142, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 142, 97) }
```

Border

The CSS property to change the border of an element to HunterLab 64.3965, 34.4122, 29.8708 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, 142, 97) }
```


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

```
.border{ border-color:rgb(255, 142, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 142, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 142, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 142, 97);  
box-shadow:4px 4px 4px 4px rgb(255, 142,  
97) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.3965, 34.4122, 29.8708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 142, 97) }
```

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

```
.background{ background-color: rgb(255,  
142, 97) }
```

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