

Converting Colors

HunterLab(64.1672, 35.5216,
28.4198)

Have a look what the booklet for
HunterLab(64.1672, 35.5216,
28.4198) contains.

HunterLab(64.2565, 35.3731, 28.3737)	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(64.2565, 35.3731,
28.3737)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8D67
RGB	255, 141, 103
RGB Percent	100%, 55%, 40%
CMY	0.0000, 0.4470, 0.5961
CMYK	0.00, 0.45, 0.60, 0.00
HSL	15°, 100%, 70%
HSV	15°, 60%, 100%
XYZ	53.2130, 41.2890, 17.9969
YIQ	170.7540, 80.1420, 12.3500

Conversions

Conversions Part 2

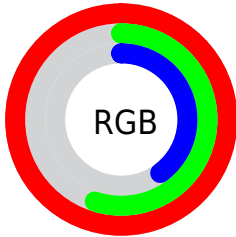
Format	Color
R _Y B	255, 154, 103
Decimal	16747879
CIE Lab	70.38, 39.77, 39.17
CIE LCh	70, 55.821, 44.563
Yxy	41.2911, 0.4730, 0.3670
Android (android.graphics.Color)	4294937959 (0xFFFF8D67)
YUV	170.7540, -33.4027, 73.8837
Hunter-Lab	64.2565, 35.3731, 28.3737

Details

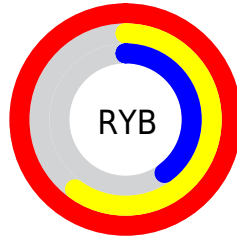
The HunterLab color **64.2565, 35.3731, 28.3737** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **77.2825, -23.3281, -25.3686**, and the grayscale version is **63.8255, -3.4056, 3.4678**.

A 20% lighter version of the original color is **79.4395, 11.2963, 26.0033**, and **43.3106, 32.4108, 22.3072** is the 20% darker color. If you saturate the color by 10%, you get **59.7439, 43.4685, 30.5146**, and if you desaturate by 10%, it is **69.2956, 27.5249, 25.5598**.

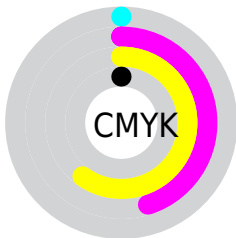
Distribution



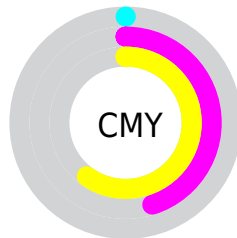
- Red (100%)
- Green (55%)
- Blue (40%)



- Red (100%)
- Yellow (60%)
- Blue (40%)



- Cyan (0%)
- Magenta (45%)
- Yellow (60%)
- Black (0%)





- Cyan (0%)
- Magenta (45%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.2565, 35.3731, 28.3737 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 64.2565, 35.3731, 28.3737 by changing the saturation by 10% instead.


 64.2565, 35.3731,
28.3737


 64.2565, 35.3731,
28.3737


187.4929, 42.5655,
51.2106


 53.4291, 34.1267,
25.4391


 87.8212, 37.5399,
33.8981


 43.2876, 32.7683,
22.3489


 100.4910, 38.4846,
36.5277

 33.8839, 31.2864,
19.0632


 113.7176, 39.3448,
39.0896

 25.2814, 29.6801,
15.5312

 127.4783, 40.1265,
41.5950

 17.5629, 27.9712,
12.2940

141.7533, 40.8350,
44.0530

 10.8445, 26.2678,
7.5912

156.5245, 41.4750,

 2.0495, 85.4574,

46.4710

1.4346

171.7760, 42.0506,
48.8551

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.2565, 35.3731,
28.3737

■ 64.2565, 35.3731,
28.3737

■ 59.7439, 43.4685,
30.5146

■ 69.2956, 27.5249,
25.5598

■ 55.8217, 51.5991,
31.8495

■ 74.7901, 20.0602,
22.2002

■ 52.5557, 59.4186,
32.2888

■ 80.6824, 13.0264,
18.4085

■ 49.9869, 66.4576,
31.9310

■ 86.9212, 6.4285,
14.2754

■ 49.8997, 66.7078,

■ 93.4632, 0.2455,

31.9158

9.8709

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.



64.2582, 51.2470, 14.1555



64.2565, 35.3731, 28.3737



64.2582, 10.1480, 34.1719

Triad

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



64.2582, 35.3690, 28.3746



64.2582, -44.1960, 14.7164



64.2582, 9.3676, -60.0074

Complementary

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



64.2565, 35.3731, 28.3737



77.2825, -23.3281, -25.3686

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.



64.2582, -15.9704, -59.6655



64.2565, 35.3731, 28.3737



64.2582, -44.3377, -9.3707

Square

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



64.2582, 35.3690, 28.3746



64.2582, -34.3463, 28.6467



64.2582, -34.7694, -38.5955



64.2582, 34.7215, -39.4014

Rectangle

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



64.2565, 35.3731, 28.3737



64.2582, -7.2864, 34.7861



64.2582, -34.7694, -38.5955



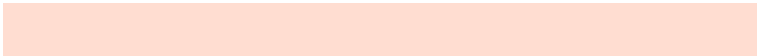
64.2582, 0.5152, -62.5359

Sweetspot

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



64.2582, 35.3690, 28.3746



87.9535, 5.4076, 13.5843



59.9753, 69.4932, -26.7223



39.8295, 3.3606, 6.8613

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.2582, 35.3690, 28.3746



58.7491, 45.4222, 30.9118



84.7731, -4.1162, 43.1899



43.2722, 0.0851, 4.5453



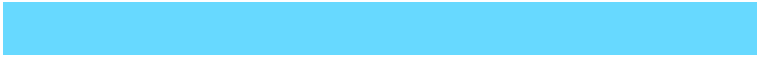
36.3429, 47.3931, 23.2240



12.0434, 12.7543, 7.6444

Inverse Universe

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



77.2825, -23.3281, -25.3686



73.6348, -23.4090, -31.2136



53.9941, 15.1630, -70.3503



44.3474, -4.5629, 0.1737



48.5249, -13.8548, -30.7433



15.7025, -5.1137, -8.5877

Previews

White Background



This preview shows how the HunterLab color 64.2565, 35.3731, 28.3737 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 64.2565, 35.3731, 28.3737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

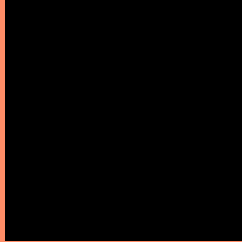
Any Text WCAG AA ✓ Pass

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 64.2565, 35.3731, 28.3737 Background



This preview shows how black text looks on a background with the HunterLab color 64.2565, 35.3731, 28.3737.



This preview shows how white text looks on a background with the HunterLab color 64.2565, 35.3731,

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

64.2565, 35.3731, 28.3737

Protanopia

64.2710, -5.9910, 24.5360

Deuteranopia

64.4156, 4.3171, 29.1324



Tritanopia

64.2080, 41.5772, 15.1813

Trichromacy



Original Color

64.2565, 35.3731, 28.3737

Protanomaly

63.7452, 8.1983, 25.4352

Deuteranomaly

63.9264, 15.3247, 28.4772

Tritanomaly

64.0692, 39.3222, 20.6238

Monochromacy



Original Color

64.2565, 35.3731, 28.3737

Achromatopsia

63.8154, -3.4050, 3.4672

Achromatomaly

63.0662, 8.8381, 13.4500

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.2565, 35.3731, 28.3737 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, 141, 103)` looks like.

```
.text, #text, p{  
    color:rgb(255, 141, 103)  
}
```

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, 141, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 141, 103) }
```

Border

The CSS property to change the border of an element to HunterLab 64.2565, 35.3731, 28.3737 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, 141, 103) }
```


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

```
.border{ border-color:rgb(255, 141, 103) }
```

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

Here you see how a box with a 4 pixel rgb(255, 141, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 141, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 141, 103);  
box-shadow:4px 4px 4px 4px rgb(255, 141,  
103) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.2565, 35.3731, 28.3737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 141, 103) }
```

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

```
.background{ background-color: rgb(255,  
141, 103) }
```

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