

Converting Colors

HunterLab(69.7757, 29.3952,
35.8804)

Have a look what the booklet for
HunterLab(69.7757, 29.3952,
35.8804) contains.

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Color

**HunterLab(68.3699, 24.8825,
34.7455)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9F57
RGB	255, 159, 87
RGB Percent	100%, 62%, 34%
CMY	0.0000, 0.3764, 0.6588
CMYK	0.00, 0.38, 0.66, 0.00
HSL	26°, 100%, 67%
HSV	26°, 66%, 100%
XYZ	55.3585, 46.7444, 15.1217
YIQ	179.4960, 80.3280, -2.0400

Conversions

Conversions Part 2

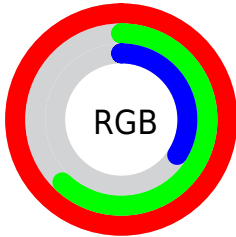
Format	Color
R _Y B	255, 213, 87
Decimal	16752471
CIE Lab	74.03, 29.51, 51.65
CIE LCh	74, 59.483, 60.254
Yxy	46.7468, 0.4722, 0.3988
Android (android.graphics.Color)	4294942551 (0xFFFF9F57)
YUV	179.4960, -45.6005, 66.2170
Hunter-Lab	68.3699, 24.8825, 34.7455

Details

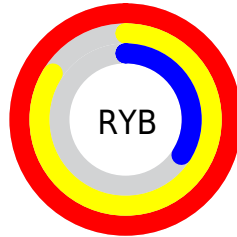
The HunterLab color **68.3699, 24.8825, 34.7455** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **65.6589, -9.1146, -45.1313**, and the grayscale version is **67.5099, -3.6022, 3.6679**.

A 20% lighter version of the original color is **84.3903, 0.2664, 34.8446**, and **46.8831, 22.9172, 27.1796** is the 20% darker color. If you saturate the color by 10%, you get **64.5611, 31.1628, 36.2080**, and if you desaturate by 10%, it is **72.4915, 19.0274, 32.3442**.

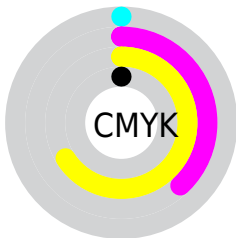
Distribution



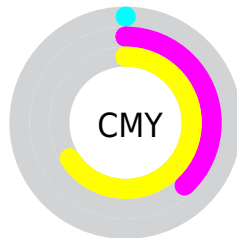
- Red (100%)
- Green (62%)
- Blue (34%)



- Red (100%)
- Yellow (84%)
- Blue (34%)



- Cyan (0%)
- Magenta (38%)
- Yellow (66%)
- Black (0%)





- Cyan (0%)
- Magenta (38%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 68.3699, 24.8825, 34.7455 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 68.3699, 24.8825, 34.7455 by changing the saturation by 10% instead.


 68.3699, 24.8825,
34.7455


 68.3699, 24.8825,
34.7455


193.3399, 28.5413,
63.0353


 57.3023, 24.0885,
31.0500


 92.3773, 26.1835,
41.6782


 46.9047, 23.1937,
27.1590


 105.2530, 26.7144,
44.9615


 37.2254, 22.1820,
23.0360


 118.6769, 27.1728,
48.1475

 28.3222, 21.0400,
18.7977

 132.6274, 27.5642,
51.2503

 20.2699, 19.7559,
14.1889

 147.0854, 27.8929,
54.2816

 13.1702, 18.3319,
9.2191

162.0336, 28.1631,

 6.6774, 19.9095,

57.2510

4.6742

177.4565, 28.3782,
60.1666

0.0000, INF, NaN

0.0000, NaN, NaN

■ 68.3699, 24.8825,
34.7455

■ 68.3699, 24.8825,
34.7455

■ 64.5611, 31.1628,
36.2080

■ 72.4915, 19.0274,
32.3442

■ 61.0877, 37.8047,
36.6837

■ 76.8926, 13.6427,
29.0788

■ 57.9759, 44.6711,
36.1980


■ 81.5484, 8.7290,
25.0381

■ 56.7981, 47.4935,
35.8302

■ 86.4343, 4.2721,
20.3098

■ 91.5285, 0.2468,

14.9754

 96.8115, -3.3778,
9.1075

99.9999, -5.3359,
5.4331

Harmonies

Analogous

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



68.3717, 48.7967, 24.6699



68.3699, 24.8825, 34.7455



68.3717, -3.8885, 37.5036

Triad

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



68.3717, 24.8785, 34.7463



68.3717, -49.2359, 3.4960



68.3717, 25.3541, -56.2219

Complementary

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



68.3699, 24.8825, 34.7455



65.6589, -9.1146, -45.1313

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.



68.3717, -3.4148, -68.9521



68.3699, 24.8825, 34.7455



68.3717, -43.8980, -27.0996

Square

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



68.3717, 24.8785, 34.7463



68.3717, -44.0761, 24.4149



68.3717, -28.1564, -56.6216



68.3717, 49.1006, -26.5455

Rectangle

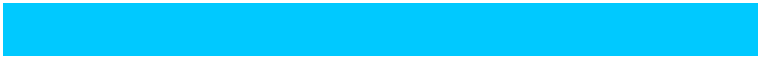
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.3699, 24.8825, 34.7455



68.3717, -21.1561, 36.2637



68.3717, -28.1564, -56.6216



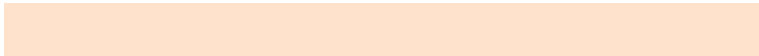
68.3717, 15.8125, -63.0518

Sweetspot

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



68.3717, 24.8785, 34.7463



89.4068, 1.8543, 17.2410



56.1956, 71.2943, -12.5511



40.7025, 1.3840, 8.6666

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.3717, 24.8785, 34.7463



63.4406, 33.2007, 36.4629



92.1186, -17.0116, 50.6615



43.8945, -0.9756, 5.2237



41.3994, 33.4623, 26.0959



13.7129, 8.5128, 8.5988

Inverse Universe

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



65.6589, -9.1146, -45.1313



60.1998, -5.5097, -56.1795



43.0744, 34.9928, -103.0680



43.7047, -3.5197, -0.6022



38.4310, 2.0906, -52.5484



12.8648, -0.8382, -14.2704

Previews

White Background



This preview shows how the HunterLab color 68.3699, 24.8825, 34.7455 looks on a white background.

Color Contrast Check

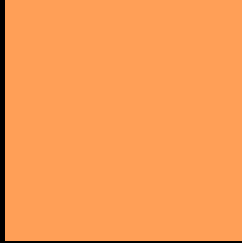
Large Text (above 18pt) WCAG AA × Fail

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 68.3699, 24.8825, 34.7455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

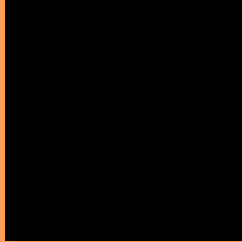
Any Text WCAG AA ✓ Pass

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 68.3699, 24.8825, 34.7455 Background



This preview shows how black text looks on a background with the HunterLab color 68.3699, 24.8825, 34.7455.



This preview shows how white text looks on a background with the HunterLab color 68.3699, 24.8825,

34.7455.

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

68.3699, 24.8825, 34.7455

Protanopia

68.6372, -8.0633, 32.8007

Deuteranopia

68.6042, 4.9927, 35.2885



Tritanopia

68.3277, 35.1910, 12.6522

Trichromacy



Original Color

68.3699, 24.8825, 34.7455

Protanomaly

68.1300, 3.6150, 33.2332

Deuteranomaly

68.5715, 12.0125, 35.2115

Tritanomaly

68.1557, 30.8869, 22.5979

Monochromacy



Original Color

68.3699, 24.8825, 34.7455

Achromatopsia

67.5582, -3.6047, 3.6706

Achromatomaly

66.9670, 4.5487, 17.2677

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.3699, 24.8825, 34.7455 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, 159, 87)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 87)  
}
```

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, 159, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 68.3699, 24.8825, 34.7455 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, 159, 87) }
```


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

```
.border{ border-color:rgb(255, 159, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 159, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 159, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 159, 87);  
box-shadow:4px 4px 4px 4px rgb(255, 159,  
87) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.3699, 24.8825, 34.7455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 159, 87) }
```

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

```
.background{ background-color: rgb(255,  
159, 87) }
```

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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