

Converting Colors

HunterLab(63.3470, 34.7192,
33.5777)

Have a look what the booklet for
HunterLab(63.3470, 34.7192,
33.5777) contains.

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Color

**HunterLab(63.4190, 34.5568,
33.6267)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8B4A
RGB	255, 139, 74
RGB Percent	100%, 55%, 29%
CMY	0.0000, 0.4549, 0.7098
CMYK	0.00, 0.45, 0.71, 0.00
HSL	22°, 100%, 65%
HSV	22°, 71%, 100%
XYZ	51.7087, 40.2197, 11.5164
YIQ	166.2740, 90.0010, 4.3770

Conversions

Conversions Part 2

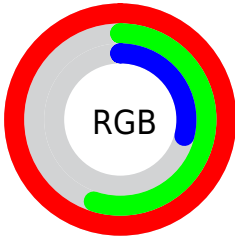
Format	Color
RYB	255, 175, 74
Decimal	16747338
CIELab	69.63, 39.09, 53.05
CIElCh	70, 65.896, 53.612
Yxy	40.2218, 0.4999, 0.3888
Android (android.graphics.Color)	4294937418 (0xFFFF8B4A)
YUV	166.2740, -45.4911, 77.8127
Hunter-Lab	63.4190, 34.5568, 33.6267

Details

The HunterLab color **63.4190, 34.5568, 33.6267** 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 **67.4537, -14.0826, -41.8392**, and the grayscale version is **62.0212, -3.3093, 3.3697**.

A 20% lighter version of the original color is **78.3098, 9.3721, 33.7285**, and **42.5261, 31.7785, 25.6306** is the 20% darker color. If you saturate the color by 10%, you get **59.6328, 41.7924, 34.6426**, and if you desaturate by 10%, it is **67.6236, 27.6174, 31.6925**.

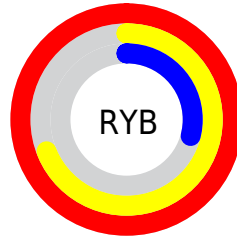
Distribution



Red (100%)

Green (55%)

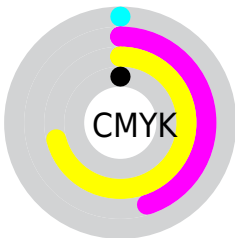
Blue (29%)



Red (100%)

Yellow (69%)

Blue (29%)

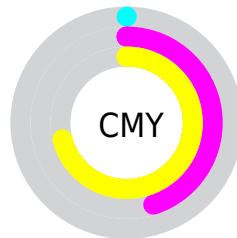


Cyan (0%)

Magenta (45%)

Yellow (71%)

Black (0%)



Cyan (0%)


Magenta (45%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 63.4190, 34.5568, 33.6267 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 63.4190, 34.5568, 33.6267 by changing the saturation by 10% instead.


 63.4190, 34.5568,
33.6267


 63.4190, 34.5568,
33.6267


186.2948, 41.5882,
62.9212


 52.6418, 33.3280,
29.7567

 86.8914, 36.6872,
40.8561


 42.5539, 31.9868,
25.6706


 99.5184, 37.6137,
44.2668


 33.2081, 30.5214,
21.3323


 112.7038, 38.4557,
47.5690

 24.6689, 28.9304,
17.2682

 126.4251, 39.2194,
50.7787

 17.0210, 27.2359,
11.9147

 140.6621, 39.9101,
53.9089

 10.3840, 25.5508,
7.2688

155.3966, 40.5325,

0.0000, INF, NaN

56.9702

0.0000, NaN, NaN

170.6124, 41.0906,
59.9718

0.0000, NaN, NaN

■ 63.4190, 34.5568,
33.6267

■ 63.4190, 34.5568,
33.6267

■ 59.6328, 41.7924,
34.6426

■ 67.6236, 27.6174,
31.6925

■ 56.3000, 49.1640,
34.6987

■ 72.1998, 21.0871,
28.9250

■ 53.7050, 55.6862,
34.0677

■ 77.1093, 15.0072,
25.4276

■ 82.3154, 9.3865,
21.3011

■ 87.7858, 4.2102,
16.6364

93.4920, -0.5494,
11.5117

99.4095, -4.9262,
5.9928

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.



63.4207, 58.5301, 21.7194



63.4190, 34.5568, 33.6267



63.4207, 3.1533, 37.3414

Triad

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



63.4207, 34.5526, 33.6275



63.4207, -51.1006, 9.2542



63.4207, 21.3867, -70.1280

Complementary

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



63.4190, 34.5568, 33.6267



67.4537, -14.0826, -41.8392

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.



63.4207, -9.6732, -78.7730



63.4190, 34.5568, 33.6267



63.4207, -48.0269, -22.6668

Square

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



63.4207, 34.5526, 33.6275



63.4207, -43.4336, 28.1244



63.4207, -34.0844, -58.4399



63.4207, 49.9954, -38.4451

Rectangle

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



63.4190, 34.5568, 33.6267



63.4207, -16.3888, 36.9635



63.4207, -34.0844, -58.4399



63.4207, 10.7539, -76.2903

Sweetspot

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



63.4207, 34.5526, 33.6275



87.7746, 4.2204, 16.6465



54.7248, 77.6421, -18.7291



39.8983, 2.5940, 8.3199

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.4207, 34.5526, 33.6275



58.2363, 44.7529, 34.7799



87.8399, -11.1108, 49.5589



43.6517, -0.5636, 4.9601



39.1494, 39.3550, 24.8127



13.0011, 10.2328, 8.1904

Inverse Universe

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



67.4537, -14.0826, -41.8392



62.5634, -10.7369, -51.2945



42.4414, 33.1543, -105.4323



43.9540, -3.9261, -0.2998



42.2257, -4.3127, -43.4685



13.9396, -2.5458, -11.9276

Previews

White Background



This preview shows how the HunterLab color 63.4190, 34.5568, 33.6267 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 63.4190, 34.5568, 33.6267 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 63.4190, 34.5568, 33.6267 Background



This preview shows how black text looks on a background with the HunterLab color 63.4190, 34.5568, 33.6267.



This preview shows how white text looks on a background with the HunterLab color 63.4190, 34.5568,

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

63.4190, 34.5568, 33.6267

Protanopia

63.7061, -7.3958, 31.3199

Deuteranopia

63.4469, 4.6402, 34.0664



Tritanopia

63.4533, 42.6855, 15.9348

Trichromacy



Original Color

63.4190, 34.5568, 33.6267

Protanomaly

62.8662, 7.2120, 31.7064

Deuteranomaly

63.2830, 15.2143, 33.8323

Tritanomaly

63.3661, 39.1267, 23.9839

Monochromacy



Original Color

63.4190, 34.5568, 33.6267

Achromatopsia

61.7516, -3.2949, 3.3551

Achromatomaly

61.2178, 7.7837, 16.3669

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.4190, 34.5568, 33.6267 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, 139, 74)` looks like.

```
.text, #text, p{  
    color:rgb(255, 139, 74)  
}
```

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, 139, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 139, 74) }
```

Border

The CSS property to change the border of an element to HunterLab 63.4190, 34.5568, 33.6267 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, 139, 74) }
```


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

```
.border{ border-color:rgb(255, 139, 74) }
```

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

Here you see how a box with a 4 pixel rgb(255, 139, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 139, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 139, 74);  
box-shadow:4px 4px 4px 4px rgb(255, 139,  
74) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.4190, 34.5568, 33.6267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 139, 74) }
```

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

```
.background{ background-color: rgb(255,  
139, 74) }
```

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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