

Converting Colors

HunterLab(65.5155, 31.4775,
31.6536)

Have a look what the booklet for
HunterLab(65.5155, 31.4775,
31.6536) contains.

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Color

**HunterLab(65.5116, 31.5338,
31.5476)**

Conversions

Conversions Part 1

Format	Color
Hex	FF935D
RGB	255, 147, 93
RGB Percent	100%, 58%, 36%
CMY	0.0000, 0.4235, 0.6353
CMYK	0.00, 0.42, 0.64, 0.00
HSL	20°, 100%, 68%
HSV	20°, 64%, 100%
XYZ	53.6494, 42.9177, 15.8122
YIQ	173.1360, 81.7020, 6.1020

Conversions

Conversions Part 2

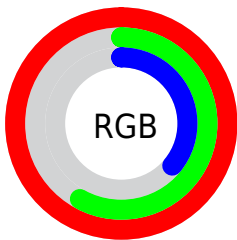
Format	Color
R_{YB}	255, 174, 93
Decimal	16749405
CIE _{Lab}	71.50, 36.06, 45.74
CIE _{LCh}	72, 58.243, 51.744
Yxy	42.9199, 0.4774, 0.3819
Android (android.graphics.Color)	4294939485 (0xFFFF935D)
YUV	173.1360, -39.5070, 71.7947
Hunter-Lab	65.5116, 31.5338, 31.5476

Details

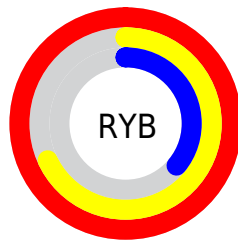
The HunterLab color **65.5116, 31.5338, 31.5476** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **71.6362, -17.0981, -34.4594**, and the grayscale version is **64.8367, -3.4595, 3.5227**.

A 20% lighter version of the original color is **80.9601, 7.0800, 30.3933**, and **44.3889, 29.0408, 24.6778** is the 20% darker color. If you saturate the color by 10%, you get **61.3504, 38.8452, 33.2754**, and if you desaturate by 10%, it is **70.0949, 24.5656, 28.9922**.

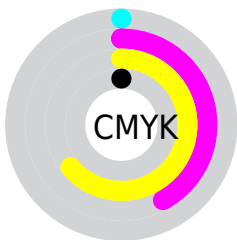
Distribution



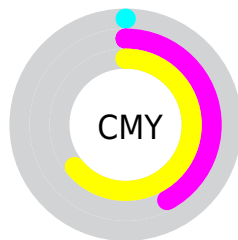
- Red (100%)
- Green (58%)
- Blue (36%)



- Red (100%)
- Yellow (68%)
- Blue (36%)



- Cyan (0%)
- Magenta (42%)
- Yellow (64%)
- Black (0%)





- Cyan (0%)
- Magenta (42%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 65.5116, 31.5338, 31.5476 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 65.5116, 31.5338, 31.5476 by changing the saturation by 10% instead.


 65.5116, 31.5338,
31.5476

 65.5116, 31.5338,
31.5476


189.2835, 37.4747,
57.3087


 54.6098, 30.4451,
28.1961


 89.2132, 33.3963,
37.8360


 44.3889, 29.2468,
24.6630


 101.9467, 34.1948,
40.8176

 34.8997, 27.9249,
20.9083


 115.2342, 34.9127,
43.7142

 26.2036, 26.4722,
16.9860

 129.0535, 35.5559,
46.5391

 18.3810, 24.8938,
12.8667

143.3850, 36.1295,
49.3029

 11.5432, 23.2470,
8.0802

158.2109, 36.6380,

 4.0758, 39.0233,

52.0144

2.8531

173.5152, 37.0852,
54.6810

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.5116, 31.5338,
31.5476

■ 65.5116, 31.5338,
31.5476

■ 61.3504, 38.8452,
33.2754

■ 70.0949, 24.5656,
28.9922

■ 57.6536, 46.3674,
34.0848

■ 75.0489, 18.0282,
25.7149

■ 54.4669, 53.8647,
33.9500

■ 80.3327, 11.9441,
21.8235

■ 52.6863, 58.5268,
33.4897

■ 85.9084, 6.3083,
17.4138

■ 91.7432, 1.0972,

12.5673

97.8088, -3.7220,
7.3513

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.



65.5133, 51.5189, 19.2414



65.5116, 31.5338, 31.5476



65.5133, 4.0599, 35.8801

Triad

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



65.5133, 31.5297, 31.5485



65.5133, -47.0676, 10.2169



65.5133, 16.6897, -60.1987

Complementary

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



65.5116, 31.5338, 31.5476



71.6362, -17.0981, -34.4594

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.



65.5133, -10.7303, -65.7907



65.5116, 31.5338, 31.5476



65.5133, -44.7959, -17.3002

Square

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



65.5133, 31.5297, 31.5485



65.5133, -39.2294, 27.2233



65.5133, -32.4309, -47.7387



65.5133, 42.0380, -34.5912

Rectangle

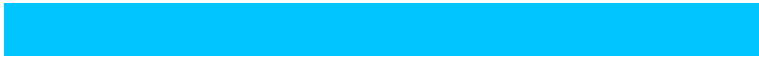
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.5116, 31.5338, 31.5476



65.5133, -13.6544, 35.6811



65.5133, -32.4309, -47.7387



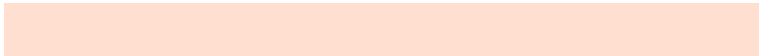
65.5133, 7.3151, -64.8044

Sweetspot

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



65.5133, 31.5297, 31.5485



88.5208, 3.8976, 15.2687



57.7113, 71.2748, -19.9608



40.1877, 2.5030, 7.6955

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.5133, 31.5297, 31.5485



60.3918, 40.6924, 33.5634



88.0550, -10.2525, 47.1064



43.5618, -0.4105, 4.8621



38.4036, 41.4109, 24.3891



12.7565, 10.8526, 8.0505

Inverse Universe

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



71.6362, -17.0981, -34.4594



67.2425, -15.5122, -42.2560



47.9379, 25.1379, -87.0317



44.0468, -4.0768, -0.1878



43.6793, -6.6207, -40.3031



14.3484, -3.1644, -11.1033

Previews

White Background



This preview shows how the HunterLab color 65.5116, 31.5338, 31.5476 looks on a white background.

Color Contrast Check

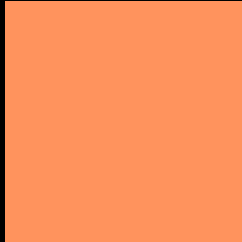
Large Text (above 18pt) WCAG AA × Fail

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 65.5116, 31.5338, 31.5476 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 65.5116, 31.5338, 31.5476 Background



This preview shows how black text looks on a background with the HunterLab color 65.5116, 31.5338, 31.5476.



This preview shows how white text looks on a background with the HunterLab color 65.5116, 31.5338,

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

65.5116, 31.5338, 31.5476

Protanopia

65.7544, -7.2668, 28.8199

Deuteranopia

65.5421, 4.9715, 31.9241



Tritanopia

65.4775, 39.6601, 14.1426

Trichromacy



Original Color

65.5116, 31.5338, 31.5476

Protanomaly

65.0063, 6.3210, 29.4009

Deuteranomaly

65.3474, 14.1602, 31.7384

Tritanomaly

65.4563, 36.2826, 21.5191

Monochromacy



Original Color

65.5116, 31.5338, 31.5476

Achromatopsia

64.6440, -3.4492, 3.5122

Achromatomaly

64.2348, 6.9085, 15.3477

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.5116, 31.5338, 31.5476 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, 147, 93)` looks like.

```
.text, #text, p{  
    color:rgb(255, 147, 93)  
}
```

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, 147, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 147, 93) }
```

Border

The CSS property to change the border of an element to HunterLab 65.5116, 31.5338, 31.5476 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, 147, 93) }
```


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

```
.border{ border-color:rgb(255, 147, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 147, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 147, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 147, 93);  
box-shadow:4px 4px 4px 4px rgb(255, 147,  
93) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.5116, 31.5338, 31.5476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 147, 93) }
```

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

```
.background{ background-color: rgb(255,  
147, 93) }
```

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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