

Converting Colors

HunterLab(64.8601, 31.1194,
35.0799)

Have a look what the booklet for
HunterLab(64.8601, 31.1194,
35.0799) contains.

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Color

**HunterLab(64.7810, 31.3014,
35.0098)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9147
RGB	255, 145, 71
RGB Percent	100%, 57%, 28%
CMY	0.0000, 0.4313, 0.7216
CMYK	0.00, 0.43, 0.72, 0.00
HSL	24°, 100%, 64%
HSV	24°, 72%, 100%
XYZ	52.5028, 41.9658, 11.2942
YIQ	169.4540, 89.3140, 0.3060

Conversions

Conversions Part 2

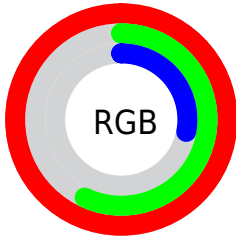
Format	Color
RYB	255, 195, 71
Decimal	16748871
CIELab	70.85, 35.91, 55.77
CIELCh	71, 66.326, 57.223
Yxy	41.9680, 0.4964, 0.3968
Android (android.graphics.Color)	4294938951 (0xFFFF9147)
YUV	169.4540, -48.5378, 75.0238
Hunter-Lab	64.7810, 31.3014, 35.0098

Details

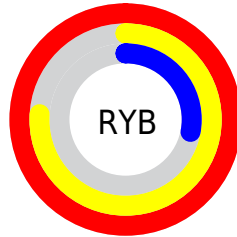
The HunterLab color **64.7810, 31.3014, 35.0098** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **64.5018, -10.0120, -47.3924**, and the grayscale version is **63.3457, -3.3800, 3.4417**.

A 20% lighter version of the original color is **79.9991, 6.0818, 35.5136**, and **43.6757, 28.8217, 26.6974** is the 20% darker color. If you saturate the color by 10%, you get **61.1194, 38.1159, 35.8710**, and if you desaturate by 10%, it is **68.8059, 24.8386, 33.1921**.

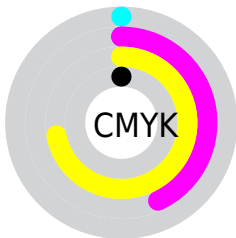
Distribution



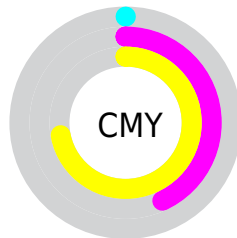
- Red (100%)
- Green (57%)
- Blue (28%)



- Red (100%)
- Yellow (76%)
- Blue (28%)



- Cyan (0%)
- Magenta (43%)
- Yellow (72%)
- Black (0%)



- Cyan (0%)
- Magenta (43%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.7810, 31.3014, 35.0098 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 64.7810, 31.3014, 35.0098 by changing the saturation by 10% instead.

64.7810, 31.3014,
35.0098

64.7810, 31.3014,
35.0098

188.2419, 37.2360,
65.4720

53.9224, 30.2117,
30.9846

88.4032, 33.1642,
42.5336

43.7476, 29.0120,
26.7396

101.0997, 33.9623,
46.0833

34.3080, 27.6881,
22.2418

114.3517, 34.6797,
49.5193

25.6662, 26.2329,
17.9663

128.1371, 35.3220,
52.8577

17.9040, 24.6527,
12.5328

142.4357, 35.8946,
56.1119

11.1353, 23.0102,
7.7947

157.2299, 36.4019,

3.0655, 51.2367,

59.2931

2.1458

172.5035, 36.8478,
62.4105

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.7810, 31.3014,
35.0098

■ 64.7810, 31.3014,
35.0098

■ 61.1194, 38.1159,
35.8710

■ 68.8059, 24.8386,
33.1921

■ 57.8470, 45.1614,
35.7573

■ 73.1560, 18.8137,
30.4848


■ 55.5641, 50.6879,
35.1257


■ 77.8010, 13.2531,
26.9788

■ 82.7110, 8.1579,
22.7681

■ 87.8592, 3.5107,

17.9413

 93.2219, -0.7162,
12.5776

 98.7782, -4.5555,
6.7459

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.



64.7827, 57.1035, 24.1456



64.7810, 31.3014, 35.0098



64.7827, -0.6057, 38.0982

Triad

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



64.7827, 31.2972, 35.0106



64.7827, -52.0946, 6.1611



64.7827, 25.4895, -67.9116

Complementary

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



64.7810, 31.3014, 35.0098



64.5018, -10.0120, -47.3924

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.



64.7827, -6.2660, -80.1619



64.7810, 31.3014, 35.0098



64.7827, -47.6544, -27.3957

Square

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



64.7827, 31.2972, 35.0106



64.7827, -45.6253, 26.9743



64.7827, -32.1503, -62.7611



64.7827, 53.3395, -34.3504

Rectangle

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



64.7810, 31.3014, 35.0098



64.7827, -19.8666, 37.3173



64.7827, -32.1503, -62.7611



64.7827, 14.7613, -75.1802

Sweetspot

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



64.7827, 31.2972, 35.0106



87.9415, 3.4417, 17.8616



53.9623, 77.1608, -13.6671



40.0292, 2.1546, 8.8962

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.7827, 31.2972, 35.0106



59.4839, 41.5116, 35.9353



90.5824, -15.5621, 51.6419



43.8021, -0.8191, 5.1235



40.5040, 35.7546, 25.5843



13.4336, 9.1737, 8.4383

Inverse Universe

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



64.5018, -10.0120, -47.3924



58.9360, -5.3824, -58.9540



39.7133, 39.5188, -116.0809



43.7994, -3.6743, -0.4872



39.8512, -0.3762, -48.9984



13.2685, -1.4946, -13.3581

Previews

White Background



This preview shows how the HunterLab color 64.7810, 31.3014, 35.0098 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 64.7810, 31.3014, 35.0098 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 64.7810, 31.3014, 35.0098 Background



This preview shows how black text looks on a background with the HunterLab color 64.7810, 31.3014, 35.0098.



This preview shows how white text looks on a background with the HunterLab color 64.7810, 31.3014,

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

64.7810, 31.3014, 35.0098

Protanopia

64.9529, -7.6541, 32.9619

Deuteranopia

64.8501, 5.0180, 35.3358



Tritanopia

64.7019, 40.7625, 14.9091

Trichromacy



Original Color

64.7810, 31.3014, 35.0098

Protanomaly

64.2877, 6.2109, 33.2472

Deuteranomaly

64.6993, 14.3078, 35.1063

Tritanomaly

64.5491, 36.7961, 24.0974

Monochromacy



Original Color

64.7810, 31.3014, 35.0098

Achromatopsia

62.9885, -3.3609, 3.4223

Achromatomaly

62.5415, 6.4970, 17.6149

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.7810, 31.3014, 35.0098 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, 145, 71)` looks like.

```
.text, #text, p{  
    color:rgb(255, 145, 71)  
}
```

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, 145, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 145, 71) }
```

Border

The CSS property to change the border of an element to HunterLab 64.7810, 31.3014, 35.0098 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, 145, 71) }
```


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

```
.border{ border-color:rgb(255, 145, 71) }
```

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

Here you see how a box with a 4 pixel rgb(255, 145, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 145, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 145, 71);  
box-shadow:4px 4px 4px 4px rgb(255, 145,  
71) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.7810, 31.3014, 35.0098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 145, 71) }
```

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

```
.background{ background-color: rgb(255,  
145, 71) }
```

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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