

Converting Colors

HunterLab(64.6352, 30.5805,
37.1619)

Have a look what the booklet for
HunterLab(64.6352, 30.5805,
37.1619) contains.

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Color

**HunterLab(64.6352, 30.5805,
37.1619)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9136
RGB	255, 145, 54
RGB Percent	100%, 57%, 21%
CMY	0.0000, 0.4313, 0.7882
CMYK	0.00, 0.43, 0.79, 0.00
HSL	27°, 100%, 61%
HSV	27°, 79%, 100%
XYZ	52.0312, 41.7771, 8.8114
YIQ	167.5160, 94.7710, -4.9810

Conversions

Conversions Part 2

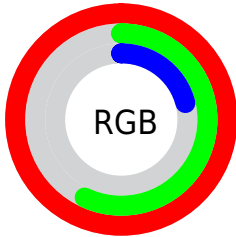
Format	Color
R _Y B	255, 220, 54
Decimal	16748854
CIE Lab	70.72, 35.24, 63.00
CIE LCh	71, 72.188, 60.783
Yxy	41.7793, 0.5070, 0.4071
Android (android.graphics.Color)	4294938934 (0xFFFF9136)
YUV	167.5160, -55.9634, 76.7235
Hunter-Lab	64.6352, 30.5805, 37.1619

Details

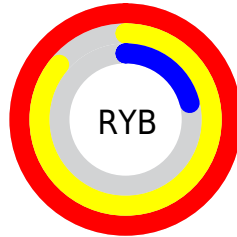
The HunterLab color **64.6352, 30.5805, 37.1619** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **58.7819, -3.1273, -59.2584**, and the grayscale version is **62.5735, -3.3388, 3.3997**.

A 20% lighter version of the original color is **79.7685, 4.8462, 38.8989**, and **43.6293, 28.6007, 27.3849** is the 20% darker color. If you saturate the color by 10%, you get **61.3131, 37.0400, 37.3362**, and if you desaturate by 10%, it is **68.2751, 24.4711, 35.9919**.

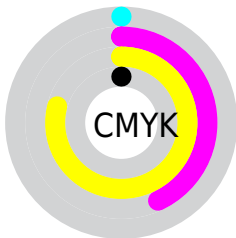
Distribution



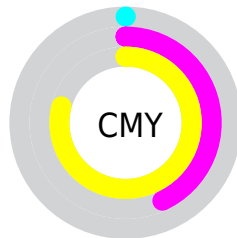
- Red (100%)
- Green (57%)
- Blue (21%)



- Red (100%)
- Yellow (86%)
- Blue (21%)



- Cyan (0%)
- Magenta (43%)
- Yellow (79%)
- Black (0%)





- Cyan (0%)
- Magenta (43%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.6352, 30.5805, 37.1619 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 64.6352, 30.5805, 37.1619 by changing the saturation by 10% instead.


 64.6352, 30.5805,
37.1619


 64.6352, 30.5805,
37.1619


188.0338, 36.3087,
71.0400


 53.7852, 29.5162,
32.6629


 88.2414, 32.3937,
45.5708


 43.6197, 28.3422,
27.9283


 100.9305, 33.1679,
49.5319


 34.1901, 27.0440,
23.0601


 114.1755, 33.8618,
53.3602

 25.5591, 25.6136,
17.8914

 127.9540, 34.4813,
57.0734

 17.8090, 24.0557,
12.4663

 142.2461, 35.0316,
60.6863

 11.0543, 22.4283,
7.7380

 157.0339, 35.5170,

 2.8203, 54.5148,

64.2116

1.9742

172.3014, 35.9415,
67.6598

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.6352, 30.5805,
37.1619

■ 64.6352, 30.5805,
37.1619

■ 61.3131, 37.0400,
37.3362

■ 68.2751, 24.4711,
35.9919

■ 58.3198, 43.7185,
36.6141

■ 72.2045, 18.7995,
33.8464

■ 57.9875, 44.5002,
36.5107


■ 76.4008, 13.5960,
30.7891

■ 80.8405, 8.8674,
26.9002

■ 85.5016, 4.6018,

22.2642

 90.3638, 0.7761,
16.9624

 95.4092, -2.6387,
11.0696

99.9999, -5.3361,
5.4331

Harmonies

Analogous

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



64.6369, 60.6894, 27.4369



64.6352, 30.5805, 37.1619



64.6369, -4.3181, 39.4718

Triad

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



64.6369, 30.5763, 37.1626



64.6369, -55.5038, 2.6872



64.6369, 32.3841, -72.9221

Complementary

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



64.6352, 30.5805, 37.1619



58.7819, -3.1273, -59.2584

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.



64.6369, -2.5820, -90.7866



64.6352, 30.5805, 37.1619



64.6369, -49.4812, -35.6866

Square

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



64.6369, 30.5763, 37.1626



64.6369, -50.0831, 26.6137



64.6369, -31.6338, -74.5827



64.6369, 61.8721, -33.4826

Rectangle

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



64.6352, 30.5805, 37.1619



64.6369, -24.4869, 38.3562



64.6369, -31.6338, -74.5827



64.6369, 20.6720, -82.3340

Sweetspot

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



64.6369, 30.5763, 37.1626



87.8228, 2.7037, 19.7859



51.5739, 80.4089, -7.4897



39.8355, 1.8952, 10.0078

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.6369, 30.5763, 37.1626



59.4257, 41.1580, 36.9669



93.1667, -20.2239, 54.8336



43.9791, -1.1188, 5.3153



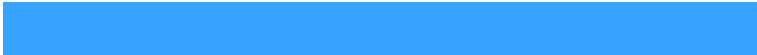
42.2603, 31.3192, 26.5889



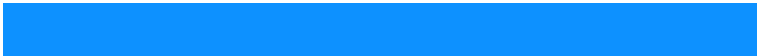
13.9775, 7.9020, 8.7512

Inverse Universe

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



58.7819, -3.1273, -59.2584



52.5846, 4.3347, -74.1935



34.1716, 52.0255, -142.1821



43.6182, -3.3781, -0.7075



37.1567, 4.3852, -55.9089



12.5008, -0.2292, -15.1300

Previews

White Background



This preview shows how the HunterLab color 64.6352, 30.5805, 37.1619 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 64.6352, 30.5805, 37.1619 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 64.6352, 30.5805, 37.1619 Background



This preview shows how black text looks on a background with the HunterLab color 64.6352, 30.5805, 37.1619.



This preview shows how white text looks on a background with the HunterLab color 64.6352, 30.5805,

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

64.6352, 30.5805, 37.1619

Protanopia

64.8762, -8.2824, 35.6664

Deuteranopia

64.8236, 4.6390, 37.5654



Tritanopia

64.7019, 40.7625, 14.9091

Trichromacy



Original Color

64.6352, 30.5805, 37.1619

Protanomaly

64.1164, 5.2965, 35.7747

Deuteranomaly

64.5546, 13.5539, 37.2440

Tritanomaly

64.4396, 36.2644, 25.6949

Monochromacy



Original Color

64.6352, 30.5805, 37.1619

Achromatopsia

62.5758, -3.3389, 3.3999

Achromatomaly

62.4126, 5.8101, 19.4859

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.6352, 30.5805, 37.1619 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, 54)` looks like.

```
.text, #text, p{  
    color:rgb(255, 145, 54)  
}
```

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, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 145, 54) }
```

Border

The CSS property to change the border of an element to HunterLab 64.6352, 30.5805, 37.1619 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, 54) }
```


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

```
.border{ border-color:rgb(255, 145, 54) }
```

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, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 145, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 145, 54);  
box-shadow:4px 4px 4px 4px rgb(255, 145,  
54) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.6352, 30.5805, 37.1619 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, 54) }
```

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

```
.background{ background-color: rgb(255,  
145, 54) }
```

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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