

Converting Colors

HunterLab(63.4228, 33.9993,
34.8142)

Have a look what the booklet for
HunterLab(63.4228, 33.9993,
34.8142) contains.

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Color

**HunterLab(63.3392, 34.1675,
34.8028)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8B42
RGB	255, 139, 66
RGB Percent	100%, 55%, 26%
CMY	0.0000, 0.4549, 0.7412
CMYK	0.00, 0.45, 0.74, 0.00
HSL	23°, 100%, 63%
HSV	23°, 74%, 100%
XYZ	51.4559, 40.1185, 10.1858
YIQ	165.3620, 92.5690, 1.8890

Conversions

Conversions Part 2

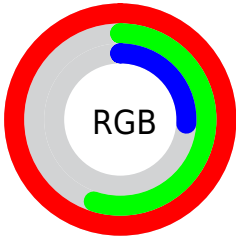
Format	Color
R_{YB}	255, 185, 66
Decimal	16747330
CIE Lab	69.56, 38.74, 56.72
CIE LCh	70, 68.683, 55.667
Yxy	40.1207, 0.5056, 0.3943
Android (android.graphics.Color)	4294937410 (0xFFFF8B42)
YUV	165.3620, -48.9855, 78.6125
Hunter-Lab	63.3392, 34.1675, 34.8028

Details

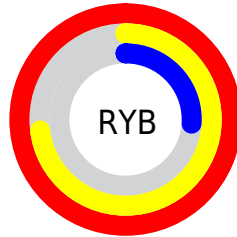
The HunterLab color **63.3392, 34.1675, 34.8028** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **64.6772, -11.0059, -47.0658**, and the grayscale version is **61.6588, -3.2900, 3.3500**.

A 20% lighter version of the original color is **78.1995, 8.7864, 35.3450**, and **42.4791, 31.5586, 26.3271** is the 20% darker color. If you saturate the color by 10%, you get **59.7255, 41.2043, 35.4864**, and if you desaturate by 10%, it is **67.3444, 27.4352, 33.1636**.

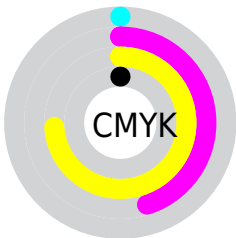
Distribution



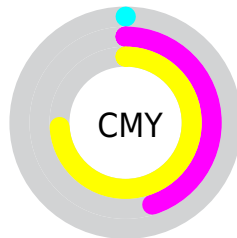
- Red (100%)
- Green (55%)
- Blue (26%)



- Red (100%)
- Yellow (73%)
- Blue (26%)



- Cyan (0%)
- Magenta (45%)
- Yellow (74%)
- Black (0%)



- Cyan (0%)
- Magenta (45%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.3392, 34.1675, 34.8028 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 63.3392, 34.1675, 34.8028 by changing the saturation by 10% instead.

63.3392, 34.1675,
34.8028

63.3392, 34.1675,
34.8028

186.1805, 41.0913,
65.8295

52.5668, 32.9517,
30.6885

86.8028, 36.2723,
42.4844

42.4840, 31.6236,
26.3474

99.4256, 37.1863,
46.1041

33.1438, 30.1710,
21.7646

112.6072, 38.0161,
49.6053

24.6106, 28.5920,
17.2274

126.3247, 38.7679,
53.0046

16.9696, 26.9076,
11.8787

140.5580, 39.4469,
56.3160

10.3404, 25.2275,
7.2383

155.2890, 40.0578,

0.0000, INF, NaN

59.5510

0.0000, NaN, NaN

170.5014, 40.6047,
62.7195

0.0000, NaN, NaN

■ 63.3392, 34.1675,
34.8028

■ 63.3392, 34.1675,
34.8028

■ 59.7255, 41.2043,
35.4864

■ 67.3444, 27.4352,
33.1636

■ 56.5314, 48.3937,
35.2075

■ 71.7001, 21.1164,
30.6339

■ 54.8537, 52.5705,
34.7209

■ 76.3726, 15.2523,
27.3067

■ 81.3289, 9.8528,
23.2795

■ 86.5394, 4.9054,
18.6440

91.9779, 0.3843,
13.4820

97.6214, -3.7430,
7.8642

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.



63.3409, 60.3291, 23.5340



63.3392, 34.1675, 34.8028



63.3409, 1.2172, 38.0518

Triad

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



63.3409, 34.1632, 34.8036



63.3409, -52.8246, 7.6129



63.3409, 24.7791, -72.6619

Complementary

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



63.3392, 34.1675, 34.8028



64.6772, -11.0059, -47.0658

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.



63.3409, -7.8557, -84.0427



63.3392, 34.1675, 34.8028



63.3409, -48.9256, -26.6176

Square

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



63.3409, 34.1632, 34.8036



63.3409, -45.7312, 27.9431



63.3409, -33.8150, -64.1786



63.3409, 54.2164, -37.9668

Rectangle

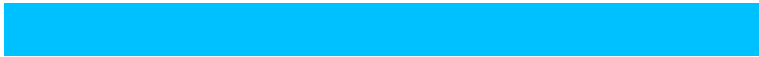
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



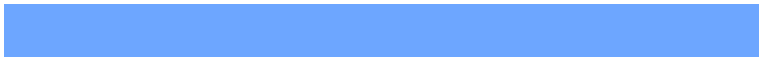
63.3392, 34.1675, 34.8028



63.3409, -18.7962, 37.4727



63.3409, -33.8150, -64.1786



63.3409, 13.6610, -79.8881

Sweetspot

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



63.3409, 34.1632, 34.8036



87.6728, 3.9138, 17.5927



53.4384, 79.1374, -15.1195



39.8908, 2.4000, 8.7603

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.3409, 34.1632, 34.8036



58.1116, 44.7099, 35.4667



89.3882, -13.9544, 51.4173



43.7464, -0.7246, 5.0631



39.9873, 37.1085, 25.2896



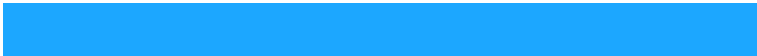
13.2702, 9.5686, 8.3445

Inverse Universe

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



64.6772, -11.0059, -47.0658



59.3527, -6.3954, -58.0469



39.1997, 39.7341, -118.2441



43.8565, -3.7675, -0.4178



40.7216, -1.8449, -46.9158



13.5150, -1.8862, -12.8208

Previews

White Background



This preview shows how the HunterLab color 63.3392, 34.1675, 34.8028 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 63.3392, 34.1675, 34.8028 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 63.3392, 34.1675, 34.8028 Background



This preview shows how black text looks on a background with the HunterLab color 63.3392, 34.1675, 34.8028.



This preview shows how white text looks on a background with the HunterLab color 63.3392, 34.1675,

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

63.3392, 34.1675, 34.8028

Protanopia

63.6024, -7.9712, 32.8467

Deuteranopia

63.4926, 4.6498, 35.2132



Tritanopia

63.2361, 43.2052, 15.7279

Trichromacy



Original Color

63.3392, 34.1675, 34.8028

Protanomaly

62.7776, 6.7413, 33.0110

Deuteranomaly

63.2084, 14.8271, 34.9334

Tritanomaly

63.0895, 39.3807, 24.6040

Monochromacy



Original Color

63.3392, 34.1675, 34.8028

Achromatopsia

61.3402, -3.2730, 3.3327

Achromatomaly

61.1291, 7.3137, 17.6515

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.3392, 34.1675, 34.8028 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, 66)` looks like.

```
.text, #text, p{  
    color:rgb(255, 139, 66)  
}
```

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, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 139, 66) }
```

Border

The CSS property to change the border of an element to HunterLab 63.3392, 34.1675, 34.8028 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, 66) }
```


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

```
.border{ border-color:rgb(255, 139, 66) }
```

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, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 139, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 139, 66);  
box-shadow:4px 4px 4px 4px rgb(255, 139,  
66) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.3392, 34.1675, 34.8028 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, 66) }
```

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

```
.background{ background-color: rgb(255,  
139, 66) }
```

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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