

Converting Colors

HunterLab(63.8103, 29.8940,
35.1248)

Have a look what the booklet for
HunterLab(63.8103, 29.8940,
35.1248) contains.

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Color

**HunterLab(63.9133, 29.8615,
35.1244)**

Conversions

Conversions Part 1

Format	Color
Hex	FB9042
RGB	251, 144, 66
RGB Percent	98%, 56%, 26%
CMY	0.0157, 0.4353, 0.7412
CMYK	0.00, 0.43, 0.74, 0.02
HSL	25°, 96%, 62%
HSV	25°, 74%, 98%
XYZ	50.7403, 40.8491, 10.3647
YIQ	167.1010, 88.8100, -1.5740

Conversions

Conversions Part 2

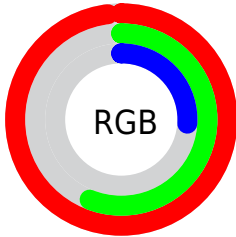
Format	Color
R_{YB}	251, 201, 66
Decimal	16486466
CIE _{Lab}	70.07, 34.61, 57.08
CIE _{LCh}	70, 66.753, 58.766
Yxy	40.8513, 0.4977, 0.4007
Android (android.graphics.Color)	4294676546 (0xFFFB9042)
YUV	167.1010, -49.8428, 73.5794
Hunter-Lab	63.9133, 29.8615, 35.1244

Details

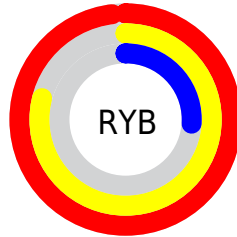
The HunterLab color **63.9133, 29.8615, 35.1244** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **61.6508, -7.7049, -49.9171**, and the grayscale version is **62.3796, -3.3284, 3.3892**.

A 20% lighter version of the original color is **79.6334, 6.1911, 36.4171**, and **43.0007, 27.9334, 26.6691** is the 20% darker color. If you saturate the color by 10%, you get **60.4142, 36.3829, 35.8138**, and if you desaturate by 10%, it is **67.7488, 23.6955, 33.4792**.

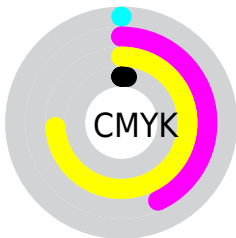
Distribution



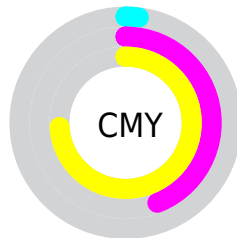
- Red (98%)
- Green (56%)
- Blue (26%)



- Red (98%)
- Yellow (79%)
- Blue (26%)



- Cyan (0%)
- Magenta (43%)
- Yellow (74%)
- Black (2%)





- Cyan (2%)
- Magenta (44%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 63.9133, 29.8615, 35.1244 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 63.9133, 29.8615, 35.1244 by changing the saturation by 10% instead.


 63.9133, 29.8615,
35.1244


 63.9133, 29.8615,
35.1244


187.0023, 35.4323,
66.2734


 53.1064, 28.8154,
30.9971


 87.4403, 31.6386,
42.8334


 42.9868, 27.6593,
26.6437


 100.0926, 32.3948,
46.4670


 33.6068, 26.3783,
22.0433


 113.3023, 33.0709,
49.9820

 25.0301, 24.9642,
17.5211

 127.0469, 33.6728,
53.3952

 17.3405, 23.4212,
12.1383

 141.3063, 34.2057,
56.7202

 10.6553, 21.8088,
7.4587

156.0626, 34.6740,

 0.8902, 169.3942,

59.9687

0.6231

171.2995, 35.0817,
63.1504

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.9133, 29.8615,
35.1244

■ 63.9133, 29.8615,
35.1244

■ 60.4142, 36.3829,
35.8138

■ 67.7488, 23.6955,
33.4792

■ 57.2727, 43.1498,
35.5471

■ 71.8870, 17.9644,
30.9323


■ 55.4826, 47.4244,
35.0184


■ 76.3010, 12.6921,
27.5655


■ 80.9644, 7.8792,
23.4673

■ 85.8529, 3.5095,

18.7233

 90.9446, -0.4434,
13.4119

 96.2205, -4.0107,
7.6023

 99.6238, -6.6467,
4.9666

Harmonies

Analogous

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



63.9150, 56.4142, 24.8928



63.9133, 29.8615, 35.1244



63.9150, -2.1485, 37.8651

Triad

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



63.9150, 29.8574, 35.1252



63.9150, -52.0377, 4.6665



63.9150, 27.2639, -67.1062

Complementary

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



63.9133, 29.8615, 35.1244



61.6508, -7.7049, -49.9171

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.



63.9150, -4.6693, -80.9769



63.9133, 29.8615, 35.1244



63.9150, -47.0561, -29.5356

Square

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



63.9150, 29.8574, 35.1252



63.9150, -46.1578, 26.1406



63.9150, -31.0214, -64.7913



63.9150, 54.7305, -32.6514

Rectangle

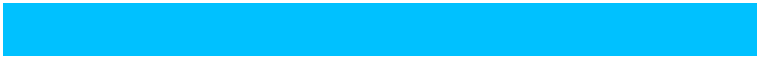
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.9133, 29.8615, 35.1244



63.9150, -21.1753, 36.9335



63.9150, -31.0214, -64.7913



63.9150, 16.5277, -74.8842

Sweetspot

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



63.9150, 29.8574, 35.1252



88.2704, 2.8658, 18.1898



52.4009, 76.4521, -11.6335



40.1987, 1.8555, 9.0621

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.9150, 29.8574, 35.1252



60.0664, 40.0327, 36.4610



89.8072, -16.7547, 51.6424



42.9279, -0.9174, 5.0800



40.5642, 33.5183, 25.5823



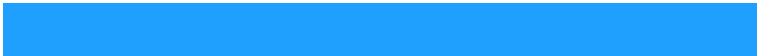
13.1478, 8.2428, 8.2459

Inverse Universe

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



61.6508, -7.7049, -49.9171



57.2528, -2.7940, -62.7441



37.5109, 42.0581, -120.4056



42.7908, -3.4816, -0.5533



38.2451, 1.3795, -50.7810



12.5080, -1.0476, -13.3724

Previews

White Background



This preview shows how the HunterLab color 63.9133, 29.8615, 35.1244 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 63.9133, 29.8615, 35.1244 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 63.9133, 29.8615, 35.1244 Background



This preview shows how black text looks on a background with the HunterLab color 63.9133, 29.8615, 35.1244.



This preview shows how white text looks on a background with the HunterLab color 63.9133, 29.8615,

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

63.9133, 29.8615, 35.1244

Protanopia

64.0904, -7.7872, 33.3626

Deuteranopia

63.8880, 4.5483, 35.4798



Tritanopia

63.9630, 41.9845, 15.3177

Trichromacy



Original Color

63.9133, 29.8615, 35.1244

Protanomaly

63.5938, 5.1913, 33.7193

Deuteranomaly

63.6047, 13.3981, 35.1792

Tritanomaly

63.8725, 37.0595, 24.6692

Monochromacy



Original Color

63.9133, 29.8615, 35.1244

Achromatopsia

62.1634, -3.3169, 3.3775

Achromatomaly

61.9788, 5.9201, 18.0918

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.9133, 29.8615, 35.1244 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(251, 144, 66)` looks like.

```
.text, #text, p{  
    color:rgb(251, 144, 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(251, 144, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 144, 66) }
```

Border

The CSS property to change the border of an element to HunterLab 63.9133, 29.8615, 35.1244 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(251, 144, 66) }
```


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

```
.border{ border-color:rgb(251, 144, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 144, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 144, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 144, 66);  
box-shadow:4px 4px 4px 4px rgb(251, 144,  
66) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.9133, 29.8615, 35.1244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 144, 66) }
```

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

```
.background{ background-color: rgb(251,  
144, 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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