

Converting Colors

HunterLab(72.9466, 49.4081,
39.5090)

Have a look what the booklet for
HunterLab(72.9466, 49.4081,
39.5090) contains.

HunterLab(66.0808, 29.2300, 34.2458)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(66.0808, 29.2300,
34.2458)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9651
RGB	255, 150, 81
RGB Percent	100%, 59%, 32%
CMY	0.0000, 0.4117, 0.6823
CMYK	0.00, 0.41, 0.68, 0.00
HSL	24°, 100%, 66%
HSV	24°, 68%, 100%
XYZ	53.6315, 43.6667, 13.3864
YIQ	173.5290, 84.7290, 0.8010

Conversions

Conversions Part 2

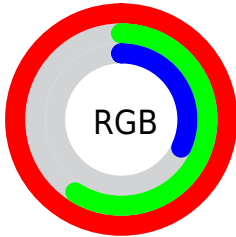
Format	Color
R_{YB}	255, 195, 81
Decimal	16750161
CIE _{Lab}	72.01, 33.83, 52.29
CIE _{LCh}	72, 62.278, 57.092
Yxy	43.6690, 0.4845, 0.3945
Android (android.graphics.Color)	4294940241 (0xFFFF9651)
YUV	173.5290, -45.6168, 71.4501
Hunter-Lab	66.0808, 29.2300, 34.2458

Details

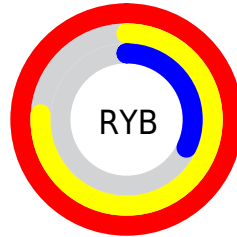
The HunterLab color **66.0808, 29.2300, 34.2458** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **66.3962, -11.3429, -43.7670**, and the grayscale version is **65.0235, -3.4695, 3.5328**.

A 20% lighter version of the original color is **81.6187, 4.3632, 34.2498**, and **44.9072, 27.1213, 26.5247** is the 20% darker color. If you saturate the color by 10%, you get **62.2597, 35.9805, 35.4916**, and if you desaturate by 10%, it is **70.2593, 22.8602, 32.0710**.

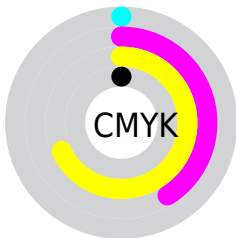
Distribution



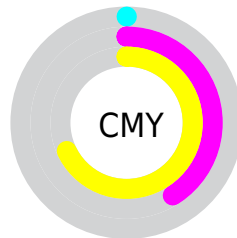
- Red (100%)
- Green (59%)
- Blue (32%)



- Red (100%)
- Yellow (76%)
- Blue (32%)



- Cyan (0%)
- Magenta (41%)
- Yellow (68%)
- Black (0%)





- Cyan (0%)
- Magenta (41%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 66.0808, 29.2300, 34.2458 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 66.0808, 29.2300, 34.2458 by changing the saturation by 10% instead.


 66.0808, 29.2300,
34.2458


 66.0808, 29.2300,
34.2458


190.0936, 34.4221,
62.9884


 55.1456, 28.2364,
30.4718


 89.8440, 30.9098,
41.3120

 44.8891, 27.1354,
26.4928


 102.6061, 31.6208,
44.6527


 35.3615, 25.9118,
22.2722


 115.9210, 32.2536,
47.8911

 26.6235, 24.5557,
18.1852

 129.7667, 32.8140,
51.0421

 18.7544, 23.0653,
13.1281

 144.1236, 33.3070,
54.1179

 11.8633, 21.4766,
8.3043

158.9741, 33.7369,

 4.7133, 31.6156,

57.1288

3.2993

174.3022, 34.1075,
60.0833

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.0808, 29.2300,
34.2458

■ 66.0808, 29.2300,
34.2458

■ 62.2597, 35.9805,
35.4916

■ 70.2593, 22.8602,
32.0710

■ 58.8242, 43.0114,
35.7620

■ 74.7561, 16.9416,
29.0469

■ 55.8028, 50.1257,
35.1256


■ 79.5406, 11.4894,
25.2688

■ 55.3104, 51.3563,
34.9811

■ 84.5835, 6.4971,
20.8300

■ 89.8583, 1.9429,

15.8162

 95.3419, -2.2036,
10.3026

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.



66.0825, 53.1663, 23.3268



66.0808, 29.2300, 34.2458



66.0825, -0.7049, 37.4921

Triad

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



66.0825, 29.2259, 34.2466



66.0825, -50.1297, 6.2067



66.0825, 23.5459, -62.3373

Complementary

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



66.0808, 29.2300, 34.2458



66.3962, -11.3429, -43.7670

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.



66.0825, -6.3075, -73.3065



66.0808, 29.2300, 34.2458



66.0825, -45.8547, -25.0761

Square

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



66.0825, 29.2259, 34.2466



66.0825, -43.7925, 26.2447



66.0825, -30.9333, -57.4447



66.0825, 49.5131, -31.7778

Rectangle

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



66.0808, 29.2300, 34.2458



66.0825, -18.9886, 36.6842



66.0825, -30.9333, -57.4447



66.0825, 13.4957, -68.8847

Sweetspot

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



66.0825, 29.2259, 34.2466



88.9115, 2.7164, 16.7398



55.4877, 74.3326, -15.5262



40.4433, 1.8388, 8.4096

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.0825, 29.2259, 34.2466



60.9191, 38.6040, 35.7083



90.0548, -14.1944, 50.1174



43.7824, -0.7858, 5.1022



40.3196, 36.2350, 25.4791



13.3755, 9.3135, 8.4049

Inverse Universe

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



66.3962, -11.3429, -43.7670



61.0995, -7.7734, -54.2928



42.8199, 33.9763, -104.0161



43.8195, -3.7072, -0.4627



40.1572, -0.8962, -48.2585



13.3553, -1.6332, -13.1674

Previews

White Background



This preview shows how the HunterLab color 66.0808, 29.2300, 34.2458 looks on a white background.

Color Contrast Check

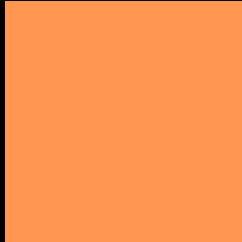
Large Text (above 18pt) WCAG AA × Fail

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 66.0808, 29.2300, 34.2458 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 66.0808, 29.2300, 34.2458 Background



This preview shows how black text looks on a background with the HunterLab color 66.0808, 29.2300, 34.2458.



This preview shows how white text looks on a background with the HunterLab color 66.0808, 29.2300,

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

66.0808, 29.2300, 34.2458

Protanopia

66.1699, -7.6956, 31.9717

Deuteranopia

66.0312, 4.8912, 34.4693



Tritanopia

65.9846, 38.8466, 13.8693

Trichromacy



Original Color

66.0808, 29.2300, 34.2458

Protanomaly

65.6333, 5.2263, 32.3890

Deuteranomaly

65.7234, 13.7157, 34.2363

Tritanomaly

65.8408, 34.8363, 23.0997

Monochromacy



Original Color

66.0808, 29.2300, 34.2458

Achromatopsia

65.0590, -3.4714, 3.5348

Achromatomaly

64.4207, 5.9043, 16.9642

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.0808, 29.2300, 34.2458 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, 150, 81)` looks like.

```
.text, #text, p{  
    color:rgb(255, 150, 81)  
}
```

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, 150, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 150, 81) }
```

Border

The CSS property to change the border of an element to HunterLab 66.0808, 29.2300, 34.2458 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, 150, 81) }
```


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

```
.border{ border-color:rgb(255, 150, 81) }
```

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

Here you see how a box with a 4 pixel rgb(255, 150, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 150, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 150, 81);  
box-shadow:4px 4px 4px 4px rgb(255, 150,  
81) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.0808, 29.2300, 34.2458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 150, 81) }
```

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

```
.background{ background-color: rgb(255,  
150, 81) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor