

Converting Colors

HunterLab(75.7925, 63.2402,
38.1447)

Have a look what the booklet for
HunterLab(75.7925, 63.2402,
38.1447) contains.

HunterLab(64.9200, 33.6612, 29.3485)	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(64.9200, 33.6612,
29.3485)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9065
RGB	255, 144, 101
RGB Percent	100%, 56%, 40%
CMY	0.0000, 0.4353, 0.6039
CMYK	0.00, 0.44, 0.60, 0.00
HSL	17°, 100%, 70%
HSV	17°, 60%, 100%
XYZ	53.5622, 42.1461, 17.6239
YIQ	172.2870, 79.9590, 10.1590

Conversions

Conversions Part 2

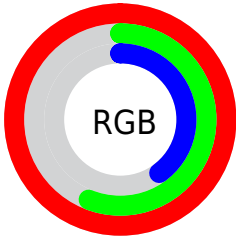
Format	Color
R_{YB}	255, 161, 101
Decimal	16748645
CIE _{Lab}	70.97, 38.11, 40.96
CIE _{LCh}	71, 55.946, 47.060
Yxy	42.1483, 0.4726, 0.3719
Android (android.graphics.Color)	4294938725 (0xFFFF9065)
YUV	172.2870, -35.1445, 72.5393
Hunter-Lab	64.9200, 33.6612, 29.3485

Details

The HunterLab color **64.9200, 33.6612, 29.3485** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **75.5449, -21.2481, -28.0722**, and the grayscale version is **64.4675, -3.4398, 3.5026**.

A 20% lighter version of the original color is **80.2538, 9.4958, 27.3536**, and **43.8734, 30.8829, 23.0236** is the 20% darker color. If you saturate the color by 10%, you get **60.4993, 41.4727, 31.3933**, and if you desaturate by 10%, it is **69.8256, 26.1425, 26.5791**.

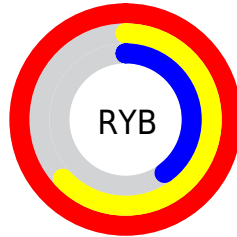
Distribution



Red (100%)

Green (56%)

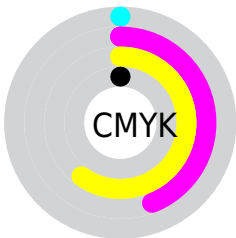
Blue (40%)



Red (100%)

Yellow (63%)

Blue (40%)

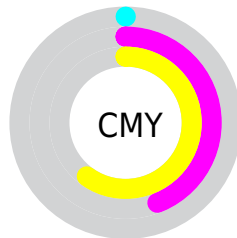


Cyan (0%)

Magenta (44%)

Yellow (60%)

Black (0%)



Cyan (0%)


Magenta (44%)

Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.9200, 33.6612, 29.3485 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 64.9200, 33.6612, 29.3485 by changing the saturation by 10% instead.


 64.9200, 33.6612,
29.3485


 64.9200, 33.6612,
29.3485


188.4402, 40.2895,
52.9625


 54.0531, 32.4858,
26.3043


 88.5573, 35.6909,
35.0745


 43.8695, 31.1993,
23.0981


 101.2608, 36.5697,
37.7974

 34.4205, 29.7890,
19.6899


 114.5197, 37.3657,
40.4482

 25.7683, 28.2507,
16.0357


 128.3115, 38.0850,
43.0386

 17.9945, 26.5978,
12.5962

142.6164, 38.7327,
45.5781

 11.2126, 24.9121,
7.8488

157.4166, 39.3134,

 3.2821, 51.2304,

48.0745

2.2974

172.6961, 39.8311,
50.5342

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.9200, 33.6612,
29.3485

■ 64.9200, 33.6612,
29.3485

■ 60.4993, 41.4727,
31.3933

■ 69.8256, 26.1425,
26.5791

■ 56.6196, 49.4019,
32.5935

■ 75.1526, 19.0293,
23.2056

■ 53.3397, 57.1516,
32.8770

■ 80.8500, 12.3562,
19.3403

■ 50.7872, 64.0333,
32.4158

■ 86.8718, 6.1225,
15.0755

■ 93.1789, 0.3051,

10.4855

99.7382, -5.1302,
5.6281

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.



64.9217, 50.7211, 15.8444



64.9200, 33.6612, 29.3485



64.9217, 7.9486, 34.6434

Triad

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



64.9217, 33.6571, 29.3494



64.9217, -44.8767, 13.1855



64.9217, 11.6418, -59.2089

Complementary

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



64.9200, 33.6612, 29.3485



75.5449, -21.2481, -28.0722

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.



64.9217, -14.1455, -60.8234



64.9200, 33.6612, 29.3485



64.9217, -44.2045, -11.7892

Square

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



64.9217, 33.6571, 29.3494



64.9217, -35.7673, 28.0565



64.9217, -33.7616, -41.0404



64.9217, 36.7201, -37.2331

Rectangle

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



64.9200, 33.6612, 29.3485



64.9217, -9.4177, 34.9783



64.9217, -33.7616, -41.0404



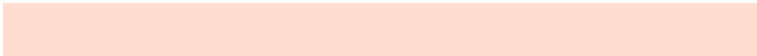
64.9217, 2.7050, -62.3849

Sweetspot

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



64.9217, 33.6571, 29.3494



88.3558, 4.6946, 14.0051



59.5140, 69.8775, -25.4388



40.0432, 2.9772, 7.0809

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.9217, 33.6571, 29.3494



59.8372, 42.7470, 31.6462



85.3799, -5.2898, 43.9681



43.3736, -0.0888, 4.6564



37.0034, 45.4247, 23.5965



12.2796, 12.1079, 7.7786

Inverse Universe

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



75.5449, -21.2481, -28.0722



71.8547, -20.8982, -34.1538



52.7820, 17.0447, -73.4497



44.2418, -4.3926, 0.0471



46.8016, -11.3552, -33.9854



15.2223, -4.4384, -9.4453

Previews

White Background



This preview shows how the HunterLab color 64.9200, 33.6612, 29.3485 looks on a white background.

Color Contrast Check

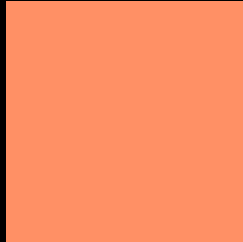
Large Text (above 18pt) WCAG AA × Fail

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 64.9200, 33.6612, 29.3485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

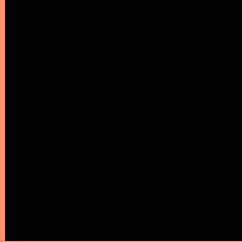
Any Text WCAG AA ✓ Pass

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 64.9200, 33.6612, 29.3485 Background



This preview shows how black text looks on a background with the HunterLab color 64.9200, 33.6612, 29.3485.



This preview shows how white text looks on a background with the HunterLab color 64.9200, 33.6612,

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

64.9200, 33.6612, 29.3485

Protanopia

65.0083, -6.5492, 25.9623

Deuteranopia

65.0243, 4.8915, 29.8414



Tritanopia

64.9508, 40.3550, 14.7733

Trichromacy



Original Color

64.9200, 33.6612, 29.3485

Protanomaly

64.3609, 7.3039, 26.7172

Deuteranomaly

64.6758, 14.9505, 29.5216

Tritanomaly

64.7887, 37.9574, 20.6099

Monochromacy



Original Color

64.9200, 33.6612, 29.3485

Achromatopsia

64.2295, -3.4271, 3.4897

Achromatomaly

63.6180, 7.8192, 13.9940

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.9200, 33.6612, 29.3485 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, 144, 101)` looks like.

```
.text, #text, p{  
    color:rgb(255, 144, 101)  
}
```

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, 144, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 144, 101) }
```

Border

The CSS property to change the border of an element to HunterLab 64.9200, 33.6612, 29.3485 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, 144, 101) }
```


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

```
.border{ border-color:rgb(255, 144, 101) }
```

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

Here you see how a box with a 4 pixel rgb(255, 144, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 144, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 144, 101);  
box-shadow:4px 4px 4px 4px rgb(255, 144,  
101) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.9200, 33.6612, 29.3485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 144, 101) }
```

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

```
.background{ background-color: rgb(255,  
144, 101) }
```

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