

# Converting Colors

HunterLab(70.7033, 32.6029,  
23.8520)

Have a look what the booklet for  
HunterLab(70.7033, 32.6029,  
23.8520) contains.

<b>HunterLab(69.4526, 28.5473, 22.7697)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(69.4526, 28.5473,  
22.7697)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFA08A
RGB	255, 160, 138
RGB Percent	100%, 63%, 54%
CMY	0.0000, 0.3725, 0.4588
CMYK	0.00, 0.37, 0.46, 0.00
HSL	11°, 100%, 77%
HSV	11°, 46%, 100%
XYZ	58.3983, 48.2366, 30.2774
YIQ	185.8970, 63.6820, 13.2980

# Conversions

## Conversions Part 2

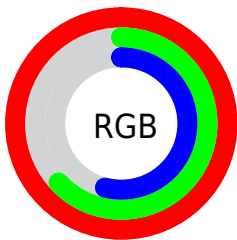
Format	Color
<a href="#">RYB</a>	<a href="#">255, 165, 138</a>
Decimal	<a href="#">16752778</a>
CIELab	<a href="#">74.98, 32.93, 26.31</a>
CIElCh	<a href="#">75, 42.154, 38.621</a>
Yxy	<a href="#">48.2390, 0.4265, 0.3523</a>
Android (android.graphics.Color)	<a href="#">4294942858</a> (0xFFFFA08A)
YUV	<a href="#">185.8970, -23.6132, 60.6033</a>
Hunter-Lab	<a href="#">69.4526, 28.5473, 22.7697</a>

# Details

The HunterLab color **69.4526, 28.5473, 22.7697** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.2009, -25.0979, -15.1731**, and the grayscale version is **70.1083, -3.7408, 3.8091**.

A 20% lighter version of the original color is **86.1264, 5.3622, 18.8342**, and **47.7725, 26.7166, 18.4465** is the 20% darker color. If you saturate the color by 10%, you get **64.0267, 37.0198, 25.7700**, and if you desaturate by 10%, it is **75.4007, 20.4139, 19.3867**.

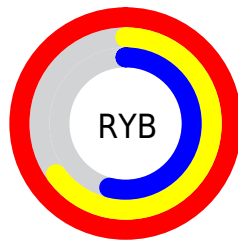
# Distribution



Red (100%)

Green (63%)

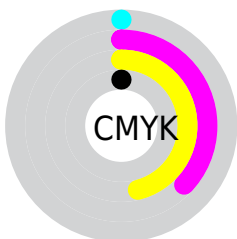
Blue (54%)



Red (100%)

Yellow (65%)

Blue (54%)

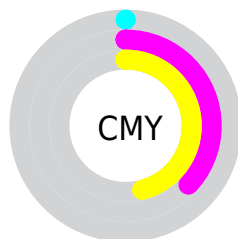


Cyan (0%)

Magenta (37%)

Yellow (46%)

Black (0%)



Cyan (0%)

Magenta (37%)


Yellow (46%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.4526, 28.5473, 22.7697 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 69.4526, 28.5473, 22.7697 by changing the saturation by 10% instead.





 69.4526, 28.5473,  
22.7697


 69.4526, 28.5473,  
22.7697


194.8689, 33.2598,  
39.8230


 58.3234, 27.6217,  
20.7022


 93.5736, 30.1031,  
26.7441

 47.8603, 26.5922,  
18.5567


 106.5023, 30.7565,  
28.6721

 38.1106, 25.4441,  
16.3093


 119.9770, 31.3344,  
30.5719

 29.1309, 24.1660,  
13.9237


133.9764, 31.8423,  
32.4495

 20.9942, 22.7506,  
11.3460

148.4816, 32.2850,  
34.3099

 13.7987, 21.2121,  
9.6591

163.4754, 32.6664,

 7.4217, 21.3312,

36.1569

5.1952

178.9426, 32.9903,  
37.9937

0.0000, INF, NaN

0.0000, NaN, NaN

■ 69.4526, 28.5473,  
22.7697

■ 69.4526, 28.5473,  
22.7697

■ 64.0267, 37.0198,  
25.7700

■ 75.4007, 20.4139,  
19.3867

■ 59.2002, 45.6805,  
28.2478

■ 81.7931, 12.7003,  
15.7237

■ 55.0619, 54.2355,  
30.0479

■ 88.5699, 5.4141,  
11.8590

■ 51.6933, 62.2506,  
31.0285


■ 95.6798, -1.4653,  
7.8466

■ 49.1517, 69.1832,

100.0000, -5.3358,

31.1343

5.4332

 48.3433, 71.5680,  
31.0418

# Harmonies

## Analogous

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



69.4543, 37.9969, 8.9841



69.4526, 28.5473, 22.7697



69.4543, 10.6929, 29.7213

# Triad

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



69.4543, 28.5436, 22.7708



69.4543, -35.6720, 15.7094



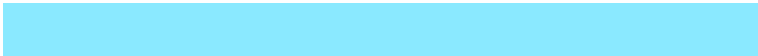
69.4543, 2.0791, -42.2982

# Complementary

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



69.4526, 28.5473, 22.7697



84.2009, -25.0979, -15.1731

# 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.



69.4543, -17.0265, -39.0082



69.4526, 28.5473, 22.7697



69.4543, -37.4296, -1.8595

# Square

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



69.4543, 28.5436, 22.7708



69.4543, -25.8729, 26.5087



69.4543, -30.9758, -22.7793



69.4543, 21.6366, -30.8078



# Rectangle

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



69.4526, 28.5473, 22.7697



69.4543, -2.7929, 31.0798



69.4543, -30.9758, -22.7793



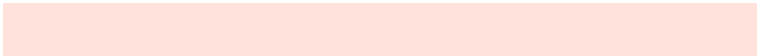
69.4543, -4.6216, -42.9373

# Sweetspot

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



69.4543, 28.5436, 22.7708



89.8838, 4.0894, 11.1139



67.3439, 54.7412, -25.7792



40.8878, 2.5952, 5.5368

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



69.4543, 28.5436, 22.7708



64.4824, 36.2619, 25.5243



85.5640, -1.8577, 36.0299



43.0577, 0.4543, 4.3094



35.1693, 51.0209, 22.5644



11.5946, 14.0328, 7.3902



# Inverse Universe

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



84.2009, -25.0979, -15.1731



81.6560, -27.0358, -18.8514



65.8051, 3.8444, -44.6247



44.5717, -4.9236, 0.4418



52.2572, -19.0377, -24.2201



16.7389, -6.5194, -6.8486



# Previews

## White Background



This preview shows how the HunterLab color 69.4526, 28.5473, 22.7697 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

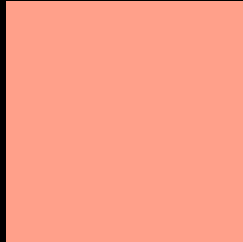
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 69.4526, 28.5473, 22.7697 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 69.4526, 28.5473, 22.7697 Background



This preview shows how black text looks on a background with the HunterLab color 69.4526, 28.5473, 22.7697.



This preview shows how white text looks on a background with the HunterLab color 69.4526, 28.5473,

22.7697.

# 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

69.4526, 28.5473, 22.7697

### Protanopia

69.7163, -5.4072, 18.6828

### Deuteranopia

69.4648, 5.1425, 23.3297



## Tritanopia

69.4270, 33.7035, 11.7339

# Trichromacy



**Original Color**

69.4526, 28.5473, 22.7697

**Protanomaly**

69.1713, 6.0460, 19.7676

**Deuteranomaly**

69.3247, 13.3086, 23.0296

**Tritanomaly**

69.3888, 31.7666, 16.0573

# Monochromacy



**Original Color**

69.4526, 28.5473, 22.7697

**Achromatopsia**

70.0729, -3.7389, 3.8072

**Achromatomaly**

69.3958, 6.5181, 10.8056

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 69.4526, 28.5473, 22.7697 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, 160, 138)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 138)  
}
```

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, 160, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 138) }
```

## Border

The CSS property to change the border of an element to HunterLab 69.4526, 28.5473, 22.7697 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, 160, 138) }
```



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

```
.border{ border-color:rgb(255, 160, 138) }
```

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

Here you see how a box with a 4 pixel rgb(255, 160, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 160, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 160, 138);  
box-shadow:4px 4px 4px 4px rgb(255, 160,  
138) }
```

# Background

The CSS property to change the background color of an element to HunterLab 69.4526, 28.5473, 22.7697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 160, 138) }
```

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

```
.background{ background-color: rgb(255,  
160, 138) }
```

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