

# Converting Colors

HunterLab(70.9469, 25.8456,  
16.4698)

Have a look what the booklet for  
HunterLab(70.9469, 25.8456,  
16.4698) contains.

**HunterLab(70.8057, 25.8508, 16.2340) ..... 3**  
    ***Conversions*** ..... 4  
    ***Details*** ..... 6  
    ***Harmonies*** ..... 12  
    ***Previews*** ..... 24  
    ***Color Blindness Simulation*** ..... 28  
    ***CSS Examples*** ..... 31

# Color

**HunterLab(70.8057, 25.8508,  
16.2340)**

# Conversions

Conversions Part 1	
Format	Color
Hex	FAA6A0
RGB	250, 166, 160
RGB Percent	98%, 65%, 63%
CMY	0.0196, 0.3490, 0.3725
CMYK	0.00, 0.34, 0.36, 0.02
HSL	4°, 90%, 80%
HSV	4°, 36%, 98%
XYZ	59.4057, 50.1345, 39.8036
YIQ	190.4320, 51.9900, 15.9420

# Conversions

## Conversions Part 2

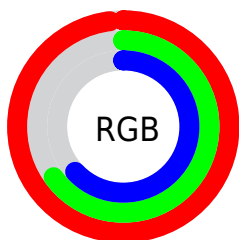
Format	Color
<a href="#">RYB</a>	<a href="#">250, 166, 160</a>
Decimal	<a href="#">16426656</a>
CIELab	<a href="#">76.15, 30.29, 15.88</a>
CIELCh	<a href="#">76, 34.198, 27.666</a>
Yxy	<a href="#">50.1369, 0.3978, 0.3357</a>
Android (android.graphics.Color)	<a href="#">4294616736</a> (0xFFFAA6A0)
YUV	<a href="#">190.4320, -15.0030, 52.2411</a>
Hunter-Lab	<a href="#">70.8057, 25.8508, 16.2340</a>

# Details

The HunterLab color **70.8057, 25.8508, 16.2340** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **88.9236, -26.9419, -5.9801**, and the grayscale version is **71.9874, -3.8411, 3.9112**.

A 20% lighter version of the original color is **88.5488, 5.5548, 11.6137**, and **48.9804, 24.1653, 13.0912** is the 20% darker color. If you saturate the color by 10%, you get **64.5141, 35.3234, 19.3057**, and if you desaturate by 10%, it is **77.6967, 16.6970, 13.1429**.

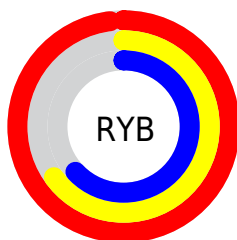
# Distribution



Red (98%)

Green (65%)

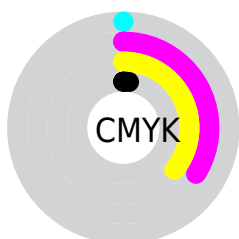
Blue (63%)



Red (98%)

Yellow (65%)

Blue (63%)

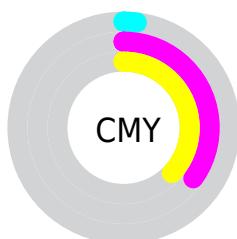


Cyan (0%)

Magenta (34%)

Yellow (36%)

Black (2%)



Cyan (2%)

Magenta (35%)

Yellow (37%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.8057, 25.8508, 16.2340 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 70.8057, 25.8508, 16.2340 by changing the saturation by 10% instead.





 70.8057, 25.8508,  
16.2340


 70.8057, 25.8508,  
16.2340


196.7743, 29.6355,  
29.0214

 59.6005, 25.0461,  
14.7878


 95.0672, 27.1779,  
19.0864

 49.0565, 24.1413,  
13.3152


 108.0613, 27.7224,  
20.5012

 39.2201, 23.1215,  
11.8047


121.5989, 28.1948,  
21.9138

 30.1463, 21.9738,  
10.2376

135.6588, 28.6004,  
23.3270

 21.9058, 20.6865,  
8.5839

150.2224, 28.9435,  
24.7428

 14.5932, 19.2589,  
6.8147

165.2728, 29.2282,

 8.2535, 18.2773,


26.1629


5.7774


180.7947, 29.4579,  
27.5888


0.0000, INF, NaN


0.0000, NaN, NaN


 70.8057, 25.8508,  
16.2340


 70.8057, 25.8508,  
16.2340


 64.5141, 35.3234,  
19.3057


 77.6967, 16.6970,  
13.1429


 58.9281, 44.9286,  
22.2550

 85.0881, 7.9474,  
10.0833

 54.1735, 54.2871,  
24.9255


 92.9055, -0.3956,  
7.0816

 50.3719, 62.8136,  
27.1066

 99.5309, -6.9714,  
4.8511

 47.6142, 69.7817,

28.5812

 45.9188, 74.5463,  
29.2292

 45.5138, 75.7354,  
29.3713

# Harmonies

## Analogous

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



70.8074, 29.9640, 2.6417



70.8057, 25.8508, 16.2340



70.8074, 13.5895, 24.5332

# Triad

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



70.8074, 25.8475, 16.2352



70.8074, -28.1381, 17.8934



70.8074, -5.0410, -32.4347

# Complementary

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



70.8057, 25.8508, 16.2340



88.9236, -26.9419, -5.9801

# 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.



70.8074, -19.6249, -25.8960



70.8057, 25.8508, 16.2340



70.8074, -32.1939, 5.0457

# Square

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



70.8074, 25.8475, 16.2352



70.8074, -17.6207, 25.3291



70.8074, -29.2204, -11.2661



70.8074, 11.2087, -27.5874



# Rectangle

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



70.8057, 25.8508, 16.2340



70.8074, 2.9686, 27.0511



70.8074, -29.2204, -11.2661



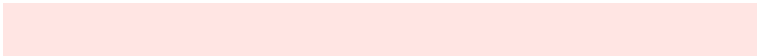
70.8074, -10.2886, -31.4689

# Sweetspot

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



70.8074, 25.8475, 16.2352



90.9633, 3.8214, 8.7733



72.1094, 42.9393, -25.1872



41.5833, 2.3054, 4.2520

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



70.8074, 25.8475, 16.2352



67.8149, 33.2382, 18.8246



83.3372, 2.0881, 27.7271



41.7265, 1.1463, 3.7609



33.2536, 54.8030, 21.4501



10.4264, 15.6705, 6.6991



# Inverse Universe

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



88.9236, -26.9419, -5.9801



89.5611, -30.6534, -7.9804



74.3122, -4.7172, -26.4513



44.0437, -5.5009, 0.9475



58.9529, -28.3816, -12.4183

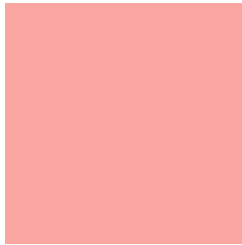


18.1021, -8.8353, -3.5531



# Previews

## White Background



This preview shows how the HunterLab color 70.8057, 25.8508, 16.2340 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

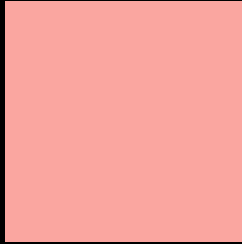
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 70.8057, 25.8508, 16.2340 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 70.8057, 25.8508, 16.2340 Background



This preview shows how black text looks on a background with the HunterLab color 70.8057, 25.8508, 16.2340.



This preview shows how white text looks on a background with the HunterLab color 70.8057, 25.8508,



# 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

70.8057, 25.8508, 16.2340

### Protanopia

71.1635, -3.8895, 11.6828

### Deuteranopia



70.8758, 4.9769, 17.0765






## Tritanopia

70.8482, 29.4402, 9.7984

# Trichromacy

	<b>Original Color</b> 70.8057, 25.8508, 16.2340
	<b>Protanomaly</b> 70.7329, 6.4724, 13.0538
	<b>Deuteranomaly</b> 70.8359, 12.1373, 16.7860
	<b>Tritanomaly</b> 70.9378, 28.0803, 12.4174

# Monochromacy

	<b>Original Color</b> 70.8057, 25.8508, 16.2340
	<b>Achromatopsia</b> 71.7578, -3.8288, 3.8987
	<b>Achromatomaly</b> 70.9221, 6.2889, 8.1589

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 70.8057, 25.8508, 16.2340 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(250, 166, 160)` looks like.

```
.text, #text, p{  
    color:rgb(250, 166, 160)  
}
```

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(250, 166, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 166, 160) }
```

## Border

The CSS property to change the border of an element to HunterLab 70.8057, 25.8508, 16.2340 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(250, 166, 160) }
```



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

```
.border{ border-color:rgb(250, 166, 160) }
```

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

Here you see how a box with a 4 pixel rgb(250, 166, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 166, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 166, 160);  
box-shadow:4px 4px 4px 4px rgb(250, 166,  
160) }
```

# Background

The CSS property to change the background color of an element to HunterLab 70.8057, 25.8508, 16.2340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 166, 160) }
```

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

```
.background{ background-color: rgb(250,  
166, 160) }
```

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