

# Converting Colors

HunterLab(56.9703, 57.6674,  
13.0206)

Have a look what the booklet for  
HunterLab(56.9703, 57.6674,  
13.0206) contains.

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# Color

**HunterLab(56.9703, 57.6674,  
13.0206)**

# Conversions

Conversions Part 1	
Format	Color
Hex	FF6685
RGB	255, 102, 133
RGB Percent	100%, 40%, 52%
CMY	0.0000, 0.6000, 0.4784
CMYK	0.00, 0.60, 0.48, 0.00
HSL	348°, 100%, 70%
HSV	348°, 60%, 100%
XYZ	50.2250, 32.4562, 25.8078
YIQ	151.2810, 81.2370, 42.0770

# Conversions

## Conversions Part 2

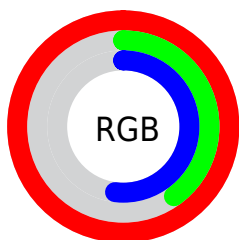
Format	Color
<a href="#">RYB</a>	<a href="#">255, 102, 133</a>
Decimal	<a href="#">16737925</a>
CIELab	<a href="#">63.72, 60.62, 13.67</a>
CIELCh	<a href="#">64, 62.138, 12.712</a>
Yxy	<a href="#">32.4579, 0.4629, 0.2992</a>
Android (android.graphics.Color)	<a href="#">4294928005</a> (0xFFFF6685)
YUV	<a href="#">151.2810, -9.0125, 90.9616</a>
Hunter-Lab	<a href="#">56.9703, 57.6674, 13.0206</a>

# Details

The HunterLab color **56.9703, 57.6674, 13.0206** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **89.2902, -46.9149, 7.3681**, and the grayscale version is **55.7575, -2.9751, 3.0294**.

A 20% lighter version of the original color is **70.4283, 35.1590, 4.9055**, and **36.9235, 53.4403, 10.2194** is the 20% darker color. If you saturate the color by 10%, you get **52.6156, 66.7658, 16.0966**, and if you desaturate by 10%, it is **62.3550, 47.3868, 10.4587**.

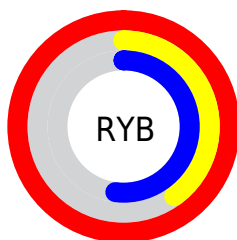
# Distribution



Red (100%)

Green (40%)

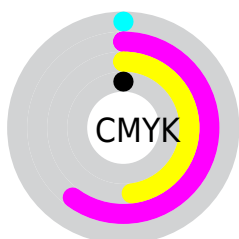
Blue (52%)



Red (100%)

Yellow (40%)

Blue (52%)

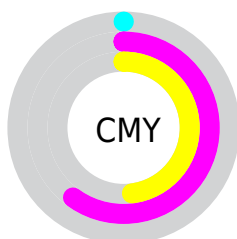


Cyan (0%)

Magenta (60%)

Yellow (48%)

Black (0%)



Cyan (0%)

Magenta (60%)


Yellow (48%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.9703, 57.6674, 13.0206 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 56.9703, 57.6674, 13.0206 by changing the saturation by 10% instead.





 56.9703, 57.6674,  
13.0206


 56.9703, 57.6674,  
13.0206


176.9746, 71.5383,  
24.9121


 46.5956, 55.6451,  
11.6779


 79.7046, 61.3999,  
15.6644


 36.9392, 53.5437,  
10.3052


 91.9897, 63.1166,  
16.9761

 28.0610, 51.4008,  
8.8867


 104.8481, 64.7364,  
18.2870

 20.0364, 49.3282,  
7.3945

 118.2555, 66.2636,  
19.6001

 12.9681, 47.6489,  
5.8873

132.1901, 67.7029,  
20.9176

 6.4170, 54.0741,  
4.4919

146.6327, 69.0589,


0.0000, INF, NaN


22.2413


0.0000, NaN, NaN


161.5661, 70.3361,  
23.5725


0.0000, NaN, NaN


 56.9703, 57.6674,  
13.0206


 56.9703, 57.6674,  
13.0206


 52.6156, 66.7658,  
16.0966


 62.3550, 47.3868,  
10.4587


 49.4033, 73.8595,  
19.4922


 68.6210, 36.6131,  
8.4715


 47.3762, 78.2298,  
22.8904

 75.6299, 25.7789,  
7.0404

 46.3735, 79.9431,  
25.8717

 83.2600, 15.1203,  
6.1046

 46.3732, 79.9435,  
25.8726

 91.4110, 4.7391,  
5.5919

100.0000, -5.3359,  
5.4331

# Harmonies

## Analogous

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



56.9718, 56.1680, -13.8036



56.9703, 57.6674, 13.0206



56.9718, 40.8330, 27.6215

# Triad

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



56.9718, 57.6630, 13.0218



56.9718, -34.4272, 28.9262



56.9718, -17.8037, -68.0452

# Complementary

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



56.9703, 57.6674, 13.0206



89.2902, -46.9149, 7.3681

# 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.



56.9718, -36.6798, -42.1710



56.9703, 57.6674, 13.0206



56.9718, -44.9637, 16.0226

# Square

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



56.9718, 57.6630, 13.0218



56.9718, -14.1285, 33.4560



56.9718, -45.7022, -9.0034



56.9718, 8.9610, -70.1721



# Rectangle

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



56.9703, 57.6674, 13.0206



56.9718, 23.0461, 32.0063



56.9718, -45.7022, -9.0034



56.9718, -25.1456, -61.4261

# Sweetspot

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



56.9718, 57.6630, 13.0218



84.8486, 13.0240, 5.9708



56.7721, 66.9147, -62.6493



38.1868, 7.4409, 2.8552

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



56.9718, 57.6630, 13.0218



51.8776, 68.3753, 16.7598



65.2528, 33.0289, 29.3629



42.4820, 1.9599, 2.5799



33.5464, 57.8807, 18.3315



10.5378, 18.3200, 4.6881



# Inverse Universe

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



56.9718, 57.6630, 13.0218



51.8776, 68.3753, 16.7598



75.4709, -20.9426, -28.1855



42.4820, 1.9599, 2.5799



33.5464, 57.8807, 18.3315



10.5378, 18.3200, 4.6881



# Previews

## White Background



This preview shows how the HunterLab color 56.9703, 57.6674, 13.0206 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

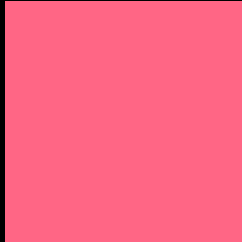
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 56.9703, 57.6674, 13.0206 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

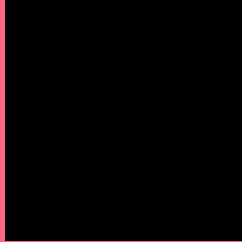
Any Text WCAG AA ✓ Pass

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 56.9703, 57.6674, 13.0206 Background



This preview shows how black text looks on a background with the HunterLab color 56.9703, 57.6674, 13.0206.



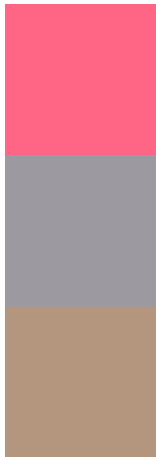
This preview shows how white text looks on a background with the HunterLab color 56.9703, 57.6674,



# 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

56.9703, 57.6674, 13.0206

### Protanopia

57.1989, -1.4499, 0.7468

### Deuteranopia

57.1879, 3.9717, 14.8442



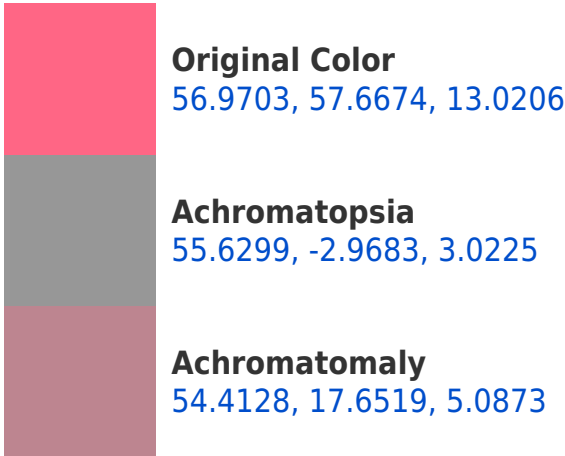
## Tritanopia

57.0711, 53.4057, 19.8717

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 56.9703, 57.6674, 13.0206 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, 102, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 102, 133)  
}
```

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, 102, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 102, 133) }
```

## Border

The CSS property to change the border of an element to HunterLab 56.9703, 57.6674, 13.0206 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, 102, 133) }
```



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

```
.border{ border-color:rgb(255, 102, 133) }
```

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

Here you see how a box with a 4 pixel rgb(255, 102, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 102, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 102, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 102,  
133) }
```

# Background

The CSS property to change the background color of an element to HunterLab 56.9703, 57.6674, 13.0206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 102, 133) }
```

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

```
.background{ background-color: rgb(255,  
102, 133) }
```

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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