

# Converting Colors

HunterLab(48.7069, 13.0110,  
6.6235)

Have a look what the booklet for  
HunterLab(48.7069, 13.0110,  
6.6235) contains.

<b>HunterLab(48.7079, 13.0107, 6.6241)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(48.7079, 13.0107,  
6.6241)**

# Conversions

Conversions Part 1	
Format	Color
Hex	A87A7D
RGB	168, 122, 125
RGB Percent	66%, 48%, 49%
CMY	0.3412, 0.5216, 0.5098
CMYK	0.00, 0.27, 0.26, 0.34
HSL	356°, 21%, 57%
HSV	356°, 27%, 66%
XYZ	26.8097, 23.7246, 22.5683
YIQ	136.0960, 26.4530, 10.6850

# Conversions

## Conversions Part 2

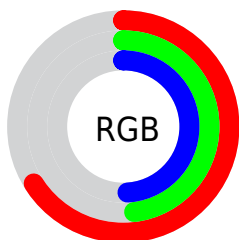
Format	Color
<a href="#">RYB</a>	<a href="#">168, 122, 125</a>
Decimal	<a href="#">11041405</a>
CIELab	<a href="#">55.81, 18.38, 5.45</a>
CIELCh	<a href="#">56, 19.169, 16.523</a>
Yxy	<a href="#">23.7257, 0.3667, 0.3245</a>
Android (android.graphics.Color)	<a href="#">4289231485</a> (0xFFA87A7D)
YUV	<a href="#">136.0960, -5.4703, 27.9798</a>
Hunter-Lab	<a href="#">48.7079, 13.0107, 6.6241</a>

# Details

The HunterLab color **48.7079, 13.0107, 6.6241** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **59.0424, -16.1904, 0.3498**, and the grayscale version is **49.6714, -2.6503, 2.6987**.

A 20% lighter version of the original color is **70.5135, 13.5676, 8.2723**, and **29.8860, 11.9495, 5.0601** is the 20% darker color. If you saturate the color by 10%, you get **44.2495, 19.3666, 8.1078**, and if you desaturate by 10%, it is **53.5237, 6.8454, 5.3135**.

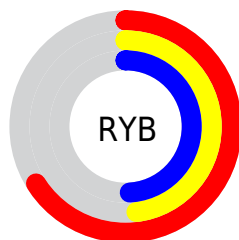
# Distribution



Red (66%)

Green (48%)

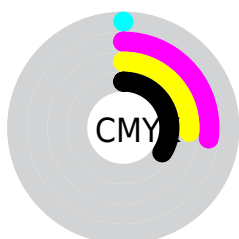
Blue (49%)



Red (66%)

Yellow (48%)

Blue (49%)

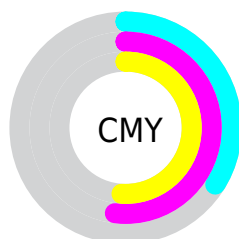


Cyan (0%)

Magenta (27%)

Yellow (26%)

Black (34%)



Cyan (34%)

Magenta (52%)


Yellow (51%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.7079, 13.0107, 6.6241 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 48.7079, 13.0107, 6.6241 by changing the saturation by 10% instead.





 48.7079, 13.0107,  
6.6241


 48.7079, 13.0107,  
6.6241


164.7516, 13.8826,  
15.0821


 38.8976, 12.5420,  
5.7773


 70.4146, 13.6671,  
8.3697

 29.8511, 11.9653,  
4.9422


 82.2266, 13.8785,  
9.2697

 21.6404, 11.2598,  
4.1138

 94.6338, 14.0214,  
10.1891

 14.3616, 10.4013,  
3.2807

107.6090, 14.1017,  
11.1282

 8.0214, 9.9871,  
3.2539

121.1284, 14.1241,  
12.0870

0.0000, INF, NaN

0.0000, NaN, NaN


135.1708, 14.0928,


13.0657


0.0000, NaN, NaN


149.7175, 14.0113,  
14.0641


0.0000, NaN, NaN


 48.7079, 13.0107,  
6.6241

 48.7079, 13.0107,  
6.6241


 44.2495, 19.3666,  
8.1078


 53.5237, 6.8454,  
5.3135


 40.2140, 25.8289,  
9.7608


 58.6375, 0.9043,  
4.1602


 36.6838, 32.2039,  
11.5538


 64.0056, -4.8193,  
3.1465


 33.7468, 38.1614,  
13.4105

 69.5926, -10.3457,  
2.2531


 31.4839, 43.2377,  
15.1970


 75.3702, -15.7003,  
1.4620


 29.9440, 46.9385,  
16.7380


 81.3159, -20.9089,  
0.7576

 29.0777, 49.0707,  
17.8504

 87.4112, -25.9955,  
0.1266

 28.8945, 49.5658,  
18.0261

 93.1598, -30.3132,  
-1.0248

 93.3086, -29.4588,  
-3.1350

# Harmonies

## Analogous

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



48.7090, 13.2461, -0.8766



48.7079, 13.0107, 6.6241



48.7090, 8.4188, 12.1035

# Triad

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



48.7090, 13.0088, 6.6249



48.7090, -13.2496, 11.6680



48.7090, -6.1282, -13.7973

# Complementary

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



48.7079, 13.0107, 6.6241



59.0424, -16.1904, 0.3498

# 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.



48.7090, -12.7218, -9.1822



48.7079, 13.0107, 6.6241



48.7090, -16.6510, 5.9337

# Square

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



48.7090, 13.0088, 6.6249



48.7090, -6.8917, 14.6779



48.7090, -16.4642, -1.6880



48.7090, 1.8423, -13.5317



# Rectangle

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



48.7079, 13.0107, 6.6241



48.7090, 3.6669, 14.2352



48.7090, -16.4642, -1.6880



48.7090, -8.5683, -12.7372

# Sweetspot

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



48.7090, 13.0088, 6.6249



78.4476, 1.8225, 5.7165



49.7389, 18.9372, -13.1793



36.1458, 1.3889, 2.7699



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382



# Same Dimension

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



48.7090, 13.0088, 6.6249



61.8126, 22.8318, 10.1407



53.9046, 2.7743, 13.0109



27.4772, 0.9634, 2.0827



25.1151, 43.0945, 15.5771



3.9480, 6.8348, 1.9792



# Inverse Universe

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



48.7090, 13.0088, 6.6249



61.8126, 22.8318, 10.1407



53.0721, -6.4539, -8.7965



27.4772, 0.9634, 2.0827



25.1151, 43.0945, 15.5771



3.9480, 6.8348, 1.9792



# Previews

## White Background



This preview shows how the HunterLab color 48.7079, 13.0107, 6.6241 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

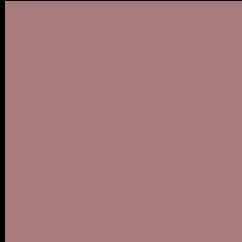
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the HunterLab color 48.7079, 13.0107, 6.6241 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

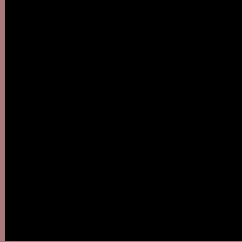
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 48.7079, 13.0107, 6.6241 Background



This preview shows how black text looks on a background with the HunterLab color 48.7079, 13.0107, 6.6241.



This preview shows how white text looks on a background with the HunterLab color 48.7079, 13.0107,



# 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

48.7079, 13.0107, 6.6241

### Protanopia

48.7156, -1.7074, 3.8548

### Deuteranopia

48.7186, 3.5949, 6.8767



## Tritanopia

48.7047, 14.5589, 4.5574

# Trichromacy



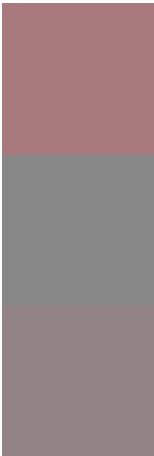
**Original Color**  
48.7079, 13.0107, 6.6241

**Protanomaly**  
48.5607, 3.3319, 4.6235

**Deuteranomaly**  
48.5232, 7.0637, 6.7235

**Tritanomaly**  
48.6500, 14.2787, 5.3394

# Monochromacy



**Original Color**  
48.7079, 13.0107, 6.6241

**Achromatopsia**  
49.6187, -2.6475, 2.6959

**Achromatomaly**  
49.1878, 2.8083, 4.0453

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 48.7079, 13.0107, 6.6241 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(168, 122, 125) looks like.

```
.text, #text, p{  
    color:rgb(168, 122, 125)  
}
```

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(168, 122, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 122, 125) }
```

## Border

The CSS property to change the border of an element to HunterLab 48.7079, 13.0107, 6.6241 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(168, 122, 125) }
```



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

```
.border{ border-color:rgb(168, 122, 125) }
```

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

Here you see how a box with a 4 pixel rgb(168, 122, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 122, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 122, 125);  
box-shadow:4px 4px 4px 4px rgb(168, 122,  
125) }
```

# Background

The CSS property to change the background color of an element to HunterLab 48.7079, 13.0107, 6.6241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 122, 125) }
```

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

```
.background{ background-color: rgb(168,  
122, 125) }
```

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