

# Converting Colors

HunterLab(61.7016, 47.9319,  
10.7052)

Have a look what the booklet for  
HunterLab(61.7016, 47.9319,  
10.7052) contains.

<b>HunterLab(61.6218, 47.9831, 10.6408)</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(61.6218, 47.9831,  
10.6408)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FE7D97
RGB	254, 125, 151
RGB Percent	100%, 49%, 59%
CMY	0.0039, 0.5098, 0.4078
CMYK	0.00, 0.51, 0.41, 0.00
HSL	348°, 98%, 74%
HSV	348°, 51%, 100%
XYZ	53.7926, 37.9725, 33.7724
YIQ	166.5350, 68.5380, 35.4340

# Conversions

## Conversions Part 2

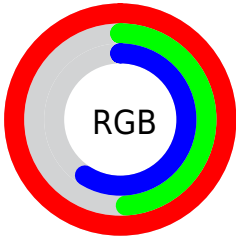
Format	Color
<a href="#">RYB</a>	<a href="#">254, 125, 151</a>
Decimal	<a href="#">16678295</a>
CIELab	<a href="#">68.00, 51.51, 9.45</a>
CIELCh	<a href="#">68, 52.370, 10.392</a>
Yxy	<a href="#">37.9744, 0.4285, 0.3025</a>
Android (android.graphics.Color)	<a href="#">4294868375</a> ( <a href="#">0xFFFE7D97</a> )
YUV	<a href="#">166.5350, -7.6588, 76.7068</a>
Hunter-Lab	<a href="#">61.6218, 47.9831, 10.6408</a>

# Details

The HunterLab color **61.6218, 47.9831, 10.6408** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **89.9144, -42.3961, 6.2598**, and the grayscale version is **61.9841, -3.3073, 3.3677**.

A 20% lighter version of the original color is **76.6261, 26.1348, 2.9838**, and **41.1046, 44.4550, 8.7161** is the 20% darker color. If you saturate the color by 10%, you get **56.3393, 58.1434, 13.2414**, and if you desaturate by 10%, it is **67.7975, 37.2773, 8.6120**.

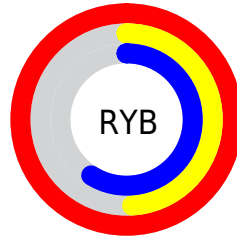
# Distribution



Red (100%)

Green (49%)

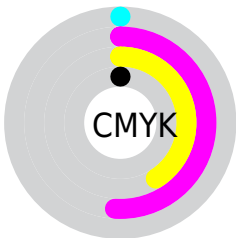
Blue (59%)



Red (100%)

Yellow (49%)

Blue (59%)

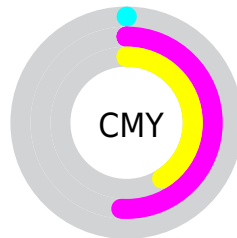


Cyan (0%)

Magenta (51%)

Yellow (41%)

Black (0%)



Cyan (0%)

Magenta (51%)


Yellow (41%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.6218, 47.9831, 10.6408 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 61.6218, 47.9831, 10.6408 by changing the saturation by 10% instead.





 61.6218, 47.9831,  
10.6408


 61.6218, 47.9831,  
10.6408


183.7145, 58.9202,  
20.8547


 50.9537, 46.2873,  
9.5524


 84.8934, 51.0395,  
12.8344

 40.9827, 44.4853,  
8.4606


 97.4272, 52.4182,  
13.9430

 31.7632, 42.5819,  
7.3586


 110.5235, 53.7038,  
15.0623

 23.3624, 40.6123,  
6.2333

124.1592, 54.9019,  
16.1937

 15.8696, 38.6882,  
5.0612

138.3135, 56.0180,  
17.3381

 9.4119, 37.1960,  
4.6728

152.9683, 57.0569,

0.0000, INF, NaN

18.4961

0.0000, NaN, NaN

168.1070, 58.0230,  
19.6682

0.0000, NaN, NaN

■ 61.6218, 47.9831,  
10.6408

■ 61.6218, 47.9831,  
10.6408

■ 56.3393, 58.1434,  
13.2414

■ 67.7975, 37.2773,  
8.6120

■ 52.0879, 67.0800,  
16.3366

■ 74.7212, 26.4904,  
7.1369

■ 48.9819, 73.9542,  
19.7264

■ 82.2720, 15.8662,  
6.1588

■ 47.0538, 78.0812,  
23.0863

■ 90.3483, 5.5142,  
5.6065

■ 46.1643, 79.5791,  
25.7897

■ 98.8690, -4.5362,  
5.4110

99.9054, -5.6651,  
5.3160

# Harmonies

## Analogous

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



61.6234, 45.5307, -12.9561



61.6218, 47.9831, 10.6408



61.6234, 35.2063, 25.2785

# Triad

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



61.6234, 47.9792, 10.6421



61.6234, -30.0197, 28.0015



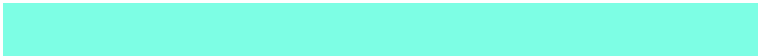
61.6234, -17.7882, -52.7178

# Complementary

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



61.6218, 47.9831, 10.6408



89.9144, -42.3961, 6.2598

# 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.



61.6234, -34.1766, -31.6754



61.6218, 47.9831, 10.6408



61.6234, -40.4681, 16.1501

# Square

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



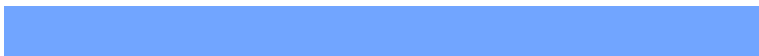
61.6234, 47.9792, 10.6421



61.6234, -11.2629, 32.4944



61.6234, -41.8658, -4.9489



61.6234, 5.1072, -55.9796



# Rectangle

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



61.6218, 47.9831, 10.6408



61.6234, 20.7619, 30.3150



61.6234, -41.8658, -4.9489



61.6234, -24.1413, -47.1976

# Sweetspot

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



61.6234, 47.9792, 10.6421



87.2718, 9.8892, 5.8182



61.6458, 56.0216, -51.2160



39.5855, 5.5904, 2.7466

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



61.6234, 47.9792, 10.6421



56.4821, 58.6254, 13.3666



69.4522, 26.0279, 26.6864



42.4817, 1.9579, 2.5852



33.5444, 57.8734, 18.3608



10.5370, 18.3170, 4.7001



# Inverse Universe

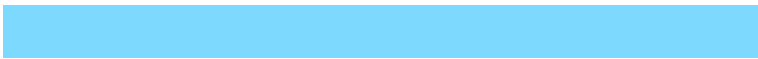
The Inverse Universe completely reimagines the original color for something new.



61.6234, 47.9792, 10.6421



56.4821, 58.6254, 13.3666



78.3425, -20.2657, -23.0430



42.4817, 1.9579, 2.5852



33.5444, 57.8734, 18.3608

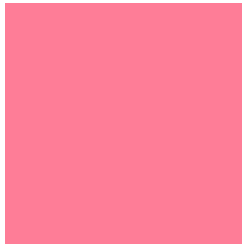


10.5370, 18.3170, 4.7001



# Previews

## White Background



This preview shows how the HunterLab color 61.6218, 47.9831, 10.6408 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 61.6218, 47.9831, 10.6408 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

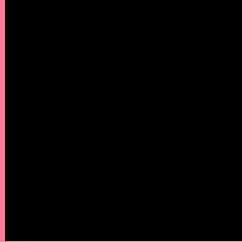
Any Text WCAG AA ✓ Pass

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 61.6218, 47.9831, 10.6408 Background



This preview shows how black text looks on a background with the HunterLab color 61.6218, 47.9831, 10.6408.



This preview shows how white text looks on a background with the HunterLab color 61.6218, 47.9831,



# 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

61.6218, 47.9831, 10.6408

### Protanopia

61.7599, -1.3315, 0.0788

### Deuteranopia

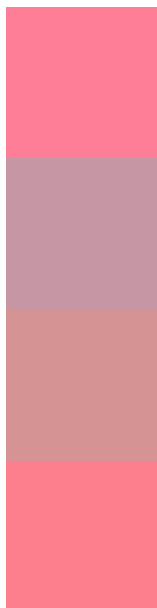
61.7520, 4.4268, 12.4087



## Tritanopia

61.7472, 44.4117, 16.1007

# Trichromacy



## Original Color

61.6218, 47.9831, 10.6408

## Protanomaly

60.5569, 15.6186, 2.7358

## Deuteranomaly

60.9263, 19.7714, 11.0262

## Tritanomaly

61.6558, 45.4846, 14.1791

# Monochromacy



## Original Color

61.6218, 47.9831, 10.6408

## Achromatopsia

62.1634, -3.3169, 3.3775

## Achromatomaly

60.9687, 13.9697, 5.0233

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 61.6218, 47.9831, 10.6408 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(254, 125, 151)` looks like.

```
.text, #text, p{  
    color:rgb(254, 125, 151)  
}
```

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(254, 125, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 125, 151) }
```

## Border

The CSS property to change the border of an element to HunterLab 61.6218, 47.9831, 10.6408 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(254, 125, 151) }
```



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

```
.border{ border-color:rgb(254, 125, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 125, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 125, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 125, 151);  
box-shadow:4px 4px 4px 4px rgb(254, 125,  
151) }
```

# Background

The CSS property to change the background color of an element to HunterLab 61.6218, 47.9831, 10.6408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 125, 151) }
```

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

```
.background{ background-color: rgb(254,  
125, 151) }
```

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