

# Converting Colors

HunterLab(75.7468, 79.7425,  
20.3375)

Have a look what the booklet for  
HunterLab(75.7468, 79.7425,  
20.3375) contains.

<b>HunterLab(62.9898, 48.1253, 6.1501)</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(62.9898, 48.1253,  
6.1501)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF81A5
RGB	255, 129, 165
RGB Percent	100%, 51%, 65%
CMY	0.0000, 0.4941, 0.3529
CMYK	0.00, 0.49, 0.35, 0.00
HSL	343°, 100%, 75%
HSV	343°, 49%, 100%
XYZ	55.8818, 39.6771, 40.3105
YIQ	170.7780, 63.5400, 37.9080

# Conversions

## Conversions Part 2

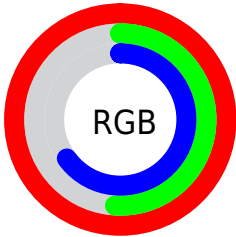
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">255, 129, 165</a>
Decimal	<a href="#">16744869</a>
CIELab	<a href="#">69.24, 51.46, 3.36</a>
CIELCh	<a href="#">69, 51.568, 3.731</a>
Yxy	<a href="#">39.6791, 0.4113, 0.2920</a>
Android (android.graphics.Color)	<a href="#">4294934949</a> (0xFFFF81A5)
YUV	<a href="#">170.7780, -2.8486, 73.8627</a>
Hunter-Lab	<a href="#">62.9898, 48.1253, 6.1501</a>

# Details

The HunterLab color **62.9898, 48.1253, 6.1501** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **90.1679, -43.7637, 10.7242**, and the grayscale version is **63.7179, -3.3998, 3.4619**.

A 20% lighter version of the original color is **78.1826, 26.4397, -2.7095**, and **42.2215, 44.4984, 4.8572** is the 20% darker color. If you saturate the color by 10%, you get **57.5861, 58.5197, 8.1790**, and if you desaturate by 10%, it is **69.2582, 37.1721, 4.8745**.

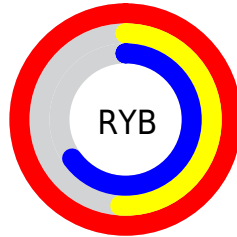
# Distribution



Red (100%)

Green (51%)

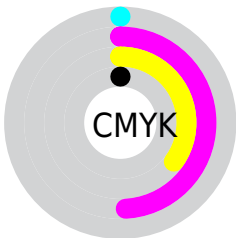
Blue (65%)



Red (100%)

Yellow (51%)

Blue (65%)

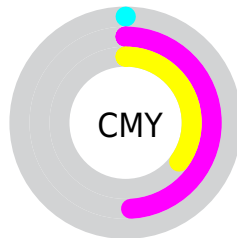


Cyan (0%)

Magenta (49%)

Yellow (35%)

Black (0%)



Cyan (0%)

Magenta (49%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.9898, 48.1253, 6.1501 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 62.9898, 48.1253, 6.1501 by changing the saturation by 10% instead.



62.9898, 48.1253,  
6.1501

62.9898, 48.1253,  
6.1501

185.6796, 58.9518,  
14.0572

52.2384, 46.4451,  
5.3936

86.4145, 51.1524,  
7.7423

42.1782, 44.6582,  
4.6610

99.0193, 52.5174,  
8.5746

32.8623, 42.7678,  
3.9533

112.1837, 53.7901,  
9.4310

24.3558, 40.8039,  
3.2692

125.8846, 54.9762,  
10.3110

16.7446, 38.8631,  
2.6056

140.1019, 56.0807,  
11.2140

10.1498, 37.2718,  
1.9690

154.8175, 57.1087,

0.0000, INF, NaN

12.1397

0.0000, INF, NaN

170.0150, 58.0644,  
13.0876

0.0000, NaN, NaN

■ 62.9898, 48.1253,  
6.1501

■ 62.9898, 48.1253,  
6.1501

■ 57.5861, 58.5197,  
8.1790

■ 69.2582, 37.1721,  
4.8745

■ 53.1822, 67.6984,  
10.9682

■ 76.2515, 26.1093,  
4.2692

■ 49.8950, 74.8333,  
14.4048

■ 83.8537, 15.1749,  
4.2339

■ 47.7696, 79.2105,  
18.2152

■ 91.9679, 4.4792,  
4.6697

■ 46.6756, 80.8103,  
21.9634

100.0000, -5.3358,  
5.4332

■ 46.6251, 80.8743,  
22.1641

# Harmonies

## Analogous

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



62.9914, 42.2790, -18.6107



62.9898, 48.1253, 6.1501



62.9914, 38.5970, 22.8683

# Triad

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



62.9914, 48.1215, 6.1515



62.9914, -26.4554, 29.6506



62.9914, -22.0685, -48.3013

# Complementary

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



62.9898, 48.1253, 6.1501



90.1679, -43.7637, 10.7242

# 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.



62.9914, -36.5894, -25.2738



62.9898, 48.1253, 6.1501



62.9914, -38.8506, 19.5841

# Square

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



62.9914, 48.1215, 6.1515



62.9914, -6.2663, 32.9334



62.9914, -42.2725, 0.5789



62.9914, -0.4091, -55.9884



# Rectangle

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



62.9898, 48.1253, 6.1501



62.9914, 25.5269, 29.0984



62.9914, -42.2725, 0.5789



62.9914, -27.8354, -41.7680

# Sweetspot

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



62.9914, 48.1215, 6.1515



87.3730, 10.4267, 4.3734



61.4046, 51.1936, -52.6163



39.6387, 5.8714, 1.9874

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



62.9914, 48.1215, 6.1515



57.7884, 58.1133, 8.0809



67.8413, 30.7069, 24.1878



42.5116, 2.1190, 2.1576



33.7360, 58.5812, 15.5414



10.6113, 18.5903, 3.6155



# Inverse Universe

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



62.9914, 48.1215, 6.1515



57.7884, 58.1133, 8.0809



82.6867, -25.2235, -17.3283



42.5116, 2.1190, 2.1576



33.7360, 58.5812, 15.5414



10.6113, 18.5903, 3.6155



# Previews

## White Background



This preview shows how the HunterLab color 62.9898, 48.1253, 6.1501 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

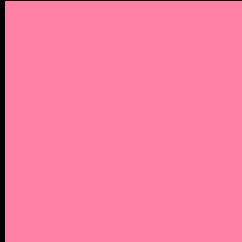
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 62.9898, 48.1253, 6.1501 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

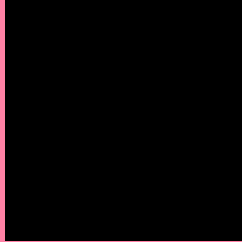
Any Text WCAG AA ✓ Pass

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 62.9898, 48.1253, 6.1501 Background



This preview shows how black text looks on a background with the HunterLab color 62.9898, 48.1253, 6.1501.



This preview shows how white text looks on a background with the HunterLab color 62.9898, 48.1253,



# 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

62.9898, 48.1253, 6.1501

### Protanopia

63.1281, -0.1530, -5.7878

### Deuteranopia

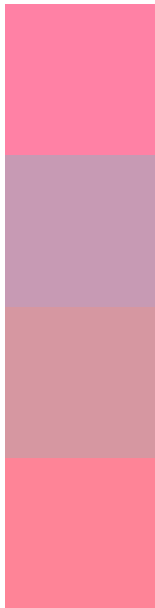
63.2466, 4.3795, 8.3000



## Tritanopia

62.9610, 42.4976, 15.0688

# Trichromacy



## Original Color

62.9898, 48.1253, 6.1501

## Protanomaly

62.0875, 15.9684, -2.6968

## Deuteranomaly

62.4520, 19.9884, 6.8216

## Tritanomaly

63.0934, 44.3695, 12.1414

# Monochromacy



## Original Color

62.9898, 48.1253, 6.1501

## Achromatopsia

63.8154, -3.4050, 3.4672

## Achromatomaly

62.6084, 14.1913, 3.2808

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 62.9898, 48.1253, 6.1501 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, 129, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 129, 165)  
}
```

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, 129, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 129, 165) }
```

## Border

The CSS property to change the border of an element to HunterLab 62.9898, 48.1253, 6.1501 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, 129, 165) }
```



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

```
.border{ border-color:rgb(255, 129, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 129, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 129, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 129, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 129,  
165) }
```

# Background

The CSS property to change the background color of an element to HunterLab 62.9898, 48.1253, 6.1501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 129, 165) }
```

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

```
.background{ background-color: rgb(255,  
129, 165) }
```

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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