

# Converting Colors

HunterLab(60.7690, 31.9753,  
0.8937)

Have a look what the booklet for  
HunterLab(60.7690, 31.9753,  
0.8937) contains.

<b>HunterLab(60.7672, 31.9657, 0.8984)</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(60.7672, 31.9657,  
0.8984)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E08AAA
RGB	224, 138, 170
RGB Percent	88%, 54%, 67%
CMY	0.1216, 0.4588, 0.3333
CMYK	0.00, 0.38, 0.24, 0.12
HSL	338°, 58%, 71%
HSV	338°, 38%, 88%
XYZ	47.0846, 36.9265, 42.6761
YIQ	167.3620, 40.9840, 28.1840

# Conversions

## Conversions Part 2

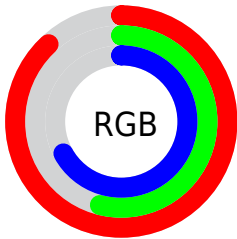
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 138, 170
Decimal	14715562
CIE Lab	67.22, 36.91, -2.88
CIE LCh	67, 37.019, 355.541
Yxy	36.9283, 0.3717, 0.2915
Android (android.graphics.Color)	4292905642 (0xFFE08AAA)
YUV	167.3620, 1.3005, 49.6715
Hunter-Lab	60.7672, 31.9657, 0.8984

# Details

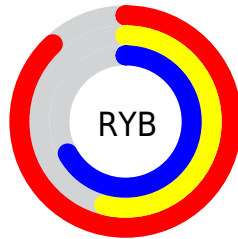
The HunterLab color **60.7672, 31.9657, 0.8984** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **79.0704, -33.0550, 10.7480**, and the grayscale version is **62.2968, -3.3240, 3.3847**.

A 20% lighter version of the original color is **80.5209, 22.9123, -2.4342**, and **40.2232, 29.6100, 0.0396** is the 20% darker color. If you saturate the color by 10%, you get **55.3584, 41.5671, 1.1840**, and if you desaturate by 10%, it is **66.7783, 22.2438, 1.2430**.

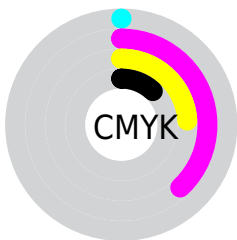
# Distribution



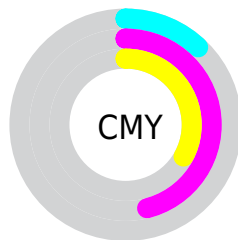
- Red (88%)
- Green (54%)
- Blue (67%)



- Red (88%)
- Yellow (54%)
- Blue (67%)



- Cyan (0%)
- Magenta (38%)
- Yellow (24%)
- Black (12%)



- Cyan (12%)
- Magenta (46%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.7672, 31.9657, 0.8984 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 60.7672, 31.9657, 0.8984 by changing the saturation by 10% instead.



60.7672, 31.9657,  
0.8984

60.7672, 31.9657,  
0.8984

182.4829, 38.4707,  
6.4947

50.1517, 30.7972,  
0.4649

83.9419, 33.9780,  
1.8976

40.2372, 29.5131,  
0.0781

96.4309, 34.8446,  
2.4550

31.0788, 28.1021,  
-0.2558

109.4843, 35.6272,  
3.0482

22.7451, 26.5616,  
-0.5296

123.0787, 36.3318,  
3.6754

15.3276, 24.9146,  
-0.7333

137.1933, 36.9640,  
4.3350

8.9423, 23.3852,  
-0.8741

151.8098, 37.5285,

0.0000, INF, NaN

5.0256

0.0000, NaN, NaN

166.9113, 38.0295,  
5.7458

0.0000, NaN, NaN

■ 60.7672, 31.9657,  
0.8984

■ 60.7672, 31.9657,  
0.8984

■ 55.3584, 41.5671,  
1.1840

■ 66.7783, 22.2438,  
1.2430

■ 50.6570, 50.6975,  
2.2100

■ 73.2923, 12.6109,  
2.0991

■ 46.7787, 58.8074,  
4.0563

■ 80.2322, 3.1594,  
3.3678

■ 43.8218, 65.2119,  
6.7116

■ 87.5346, -6.0792,  
4.9680

■ 41.8332, 69.2845,  
10.0206

■ 95.1489, -15.1069,  
6.8359

■ 40.7323, 70.8953,  
13.6459

■ 97.2361, -15.1285,  
2.2744

■ 40.5921, 71.0667,  
14.2024

■ 97.2560, -15.0171,  
1.9903

# Harmonies

## Analogous

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



60.7686, 25.3755, -16.5022



60.7672, 31.9657, 0.8984



60.7686, 28.3187, 14.9972

# Triad

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



60.7686, 31.9629, 0.8997



60.7686, -16.4047, 24.8216



60.7686, -20.2718, -27.4314

# Complementary

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



60.7672, 31.9657, 0.8984



79.0704, -33.0550, 10.7480

# 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.



60.7686, -29.4470, -11.2941



60.7672, 31.9657, 0.8984



60.7686, -27.3881, 18.1020

# Square

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



60.7686, 31.9629, 0.8997



60.7686, -0.7444, 26.4608



60.7686, -31.9063, 5.6212



60.7686, -5.7072, -35.4178



# Rectangle

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



60.7672, 31.9657, 0.8984



60.7686, 20.7649, 21.2341



60.7686, -31.9063, 5.6212



60.7686, -24.0246, -22.6002

# Sweetspot

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



60.7686, 31.9629, 0.8997



89.9056, 7.6777, 3.3084



58.8570, 30.5599, -34.2377



41.1032, 4.2176, 1.4392

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



60.7686, 31.9629, 0.8997



65.3462, 45.8833, 1.2374



62.3493, 22.3657, 15.9439



37.1274, 1.9370, 1.5027



31.0021, 54.3405, 10.3553



8.2652, 14.6838, 1.2368



# Inverse Universe

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



60.7686, 31.9629, 0.8997



65.3462, 45.8833, 1.2374



76.7218, -22.6448, -7.6191



37.1274, 1.9370, 1.5027



31.0021, 54.3405, 10.3553



8.2652, 14.6838, 1.2368



# Previews

## White Background



This preview shows how the HunterLab color 60.7672, 31.9657, 0.8984 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

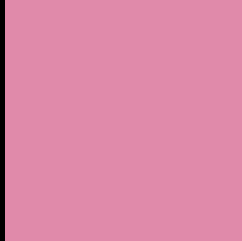
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 60.7672, 31.9657, 0.8984 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

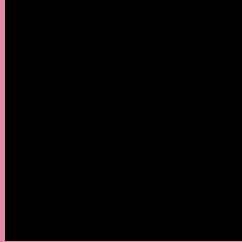
Any Text WCAG AA ✓ Pass

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 60.7672, 31.9657, 0.8984 Background



This preview shows how black text looks on a background with the HunterLab color 60.7672, 31.9657, 0.8984.



This preview shows how white text looks on a background with the HunterLab color 60.7672, 31.9657,

0.8984.

# 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

60.7672, 31.9657, 0.8984

### Protanopia

61.0526, 0.0255, -6.9530

### Deuteranopia

60.9370, 4.2955, 2.5229



## Tritanopia

60.7012, 27.0324, 8.8619

# Trichromacy



## Original Color

60.7672, 31.9657, 0.8984

## Protanomaly

60.4953, 10.8635, -4.8526

## Deuteranomaly

60.4362, 13.9943, 1.6196

## Tritanomaly

60.7843, 28.9099, 5.9666

# Monochromacy



## Original Color

60.7672, 31.9657, 0.8984

## Achromatopsia

62.1634, -3.3169, 3.3775

## Achromatomaly

61.0700, 9.1522, 1.8253

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 60.7672, 31.9657, 0.8984 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(224, 138, 170)` looks like.

```
.text, #text, p{  
    color:rgb(224, 138, 170)  
}
```

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(224, 138, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 138, 170) }
```

## Border

The CSS property to change the border of an element to HunterLab 60.7672, 31.9657, 0.8984 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(224, 138, 170) }
```



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

```
.border{ border-color:rgb(224, 138, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 138, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 138, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 138, 170);  
box-shadow:4px 4px 4px 4px rgb(224, 138,  
170) }
```

# Background

The CSS property to change the background color of an element to HunterLab 60.7672, 31.9657, 0.8984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 138, 170) }
```

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

```
.background{ background-color: rgb(224,  
138, 170) }
```

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