

# Converting Colors

HunterLab(55.1396, 37.0948,  
5.0746)

Have a look what the booklet for  
HunterLab(55.1396, 37.0948,  
5.0746) contains.

<b>HunterLab(55.2412, 37.0336, 5.0608)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(55.2412, 37.0336,  
5.0608)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DC7793
RGB	220, 119, 147
RGB Percent	86%, 47%, 58%
CMY	0.1373, 0.5333, 0.4235
CMYK	0.00, 0.46, 0.33, 0.14
HSL	343°, 59%, 66%
HSV	343°, 46%, 86%
XYZ	41.3785, 30.5159, 31.3130
YIQ	152.3910, 51.2080, 30.1200

# Conversions

## Conversions Part 2

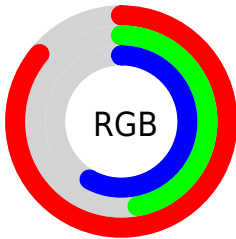
Format	Color
R <sub>Y</sub> B	220, 119, 147
Decimal	14448531
CIE Lab	62.10, 42.32, 2.64
CIE LCh	62, 42.405, 3.566
Yxy	30.5174, 0.4009, 0.2957
Android (android.graphics.Color)	4292638611 (0xFFDC7793)
YUV	152.3910, -2.6578, 59.2931
Hunter-Lab	55.2412, 37.0336, 5.0608

# Details

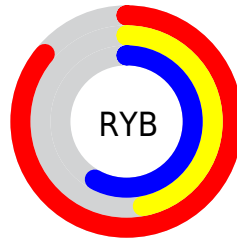
The HunterLab color **55.2412, 37.0336, 5.0608** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **76.7560, -34.9828, 8.1604**, and the grayscale version is **56.1902, -2.9982, 3.0529**.

A 20% lighter version of the original color is **74.4071, 29.8613, 2.3405**, and **35.4383, 34.0123, 3.5115** is the 20% darker color. If you saturate the color by 10%, you get **50.4059, 45.9816, 6.5662**, and if you desaturate by 10%, it is **60.7521, 27.7914, 4.1499**.

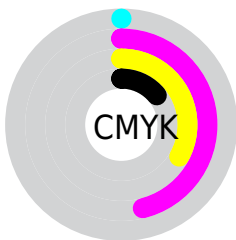
# Distribution



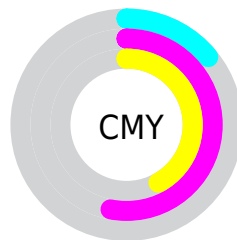
- Red (86%)
- Green (47%)
- Blue (58%)



- Red (86%)
- Yellow (47%)
- Blue (58%)



- Cyan (0%)
- Magenta (46%)
- Yellow (33%)
- Black (14%)




- Cyan (14%)
- Magenta (53%)
- Yellow (42%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.2412, 37.0336, 5.0608 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 55.2412, 37.0336, 5.0608 by changing the saturation by 10% instead.





 55.2412, 37.0336,  
5.0608


 55.2412, 37.0336,  
5.0608


174.4445, 45.6339,  
12.5423

 44.9796, 35.5957,  
4.3617


 77.7686, 39.5633,  
6.5455

 35.4451, 34.0400,  
3.6898


 89.9581, 40.6768,  
7.3276

 26.6996, 32.3647,  
3.0463


 102.7253, 41.6984,  
8.1355

 18.8221, 30.5950,  
2.4303

116.0452, 42.6345,  
8.9688

 11.9214, 28.8398,  
1.8388

129.8957, 43.4913,  
9.8267

 4.8195, 40.6351,  
2.5309

144.2572, 44.2737,

0.0000, INF, NaN

10.7086

0.0000, NaN, NaN

159.1121, 44.9866,  
11.6140

0.0000, NaN, NaN

■ 55.2412, 37.0336,  
5.0608

■ 55.2412, 37.0336,  
5.0608

■ 50.4059, 45.9816,  
6.5662

■ 60.7521, 27.7914,  
4.1499

■ 46.3584, 54.1679,  
8.6939

■ 66.8274, 18.5561,  
3.7580

■ 43.2076, 60.9438,  
11.3914

■ 73.3779, 9.4758,  
3.8042

■ 41.0202, 65.6439,  
14.4818

■ 80.3293, 0.6127,  
4.2123

■ 39.7773, 67.8903,  
17.6683

■ 87.6224, -8.0213,  
4.9172

■ 39.4365, 68.3901,  
18.8643

■ 95.2101, -16.4397,  
5.8661

■ 96.9307, -16.1836,  
1.5759

# Harmonies

## Analogous

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



55.2426, 32.4774, -14.1930



55.2412, 37.0336, 5.0608



55.2426, 29.7684, 18.5805

# Triad

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



55.2426, 37.0306, 5.0620



55.2426, -21.2015, 24.3591



55.2426, -17.8502, -36.4712

# Complementary

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



55.2412, 37.0336, 5.0608



76.7560, -34.9828, 8.1604

# 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.



55.2426, -29.4740, -19.0539



55.2412, 37.0336, 5.0608



55.2426, -31.2235, 16.0015

# Square

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



55.2426, 37.0306, 5.0620



55.2426, -5.1365, 27.1726



55.2426, -34.0428, 0.8699



55.2426, -0.7301, -42.2980



# Rectangle

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



55.2412, 37.0336, 5.0608



55.2426, 19.6975, 23.8264



55.2426, -34.0428, 0.8699



55.2426, -22.4513, -31.5489

# Sweetspot

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



55.2426, 37.0306, 5.0620



88.1747, 9.3056, 4.5541



54.3036, 40.0632, -39.7647



39.9859, 5.3713, 2.0755

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



55.2426, 37.0306, 5.0620



59.8207, 53.8907, 7.6657



59.6360, 22.4086, 19.7863



36.2085, 1.7261, 1.8754



30.2388, 52.4923, 14.0554



7.7902, 13.7048, 2.2130



# Inverse Universe

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



55.2426, 37.0306, 5.0620



59.8207, 53.8907, 7.6657



70.3789, -19.8151, -14.0216



36.2085, 1.7261, 1.8754



30.2388, 52.4923, 14.0554



7.7902, 13.7048, 2.2130



# Previews

## White Background



This preview shows how the HunterLab color 55.2412, 37.0336, 5.0608 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

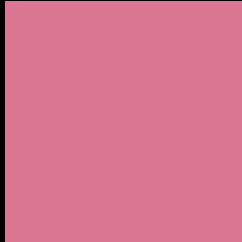
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 55.2412, 37.0336, 5.0608 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

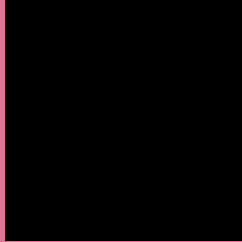
Any Text WCAG AA ✓ Pass

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 55.2412, 37.0336, 5.0608 Background



This preview shows how black text looks on a background with the HunterLab color 55.2412, 37.0336, 5.0608.



This preview shows how white text looks on a background with the HunterLab color 55.2412, 37.0336,



# 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

55.2412, 37.0336, 5.0608

### Protanopia

55.6047, -0.7072, -3.7056

### Deuteranopia

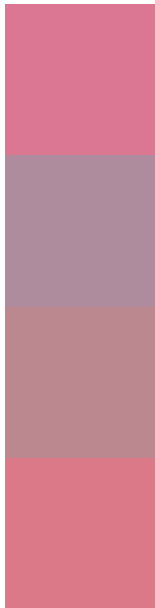
55.2800, 4.1078, 6.2635



## Tritanopia

55.3334, 33.0726, 11.6670

# Trichromacy



## Original Color

55.2412, 37.0336, 5.0608

## Protanomaly

54.8159, 11.8034, -1.0041

## Deuteranomaly

54.9425, 15.3894, 5.6513

## Tritanomaly

55.2639, 34.3152, 9.2630

# Monochromacy



## Original Color

55.2412, 37.0336, 5.0608

## Achromatopsia

56.0347, -2.9899, 3.0445

## Achromatomaly

55.0502, 10.7116, 3.0328

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 55.2412, 37.0336, 5.0608 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(220, 119, 147)` looks like.

```
.text, #text, p{  
    color:rgb(220, 119, 147)  
}
```

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(220, 119, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 119, 147) }
```

## Border

The CSS property to change the border of an element to HunterLab 55.2412, 37.0336, 5.0608 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(220, 119, 147) }
```



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

```
.border{ border-color:rgb(220, 119, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 119, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 119, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 119, 147);  
box-shadow:4px 4px 4px 4px rgb(220, 119,  
147) }
```

# Background

The CSS property to change the background color of an element to HunterLab 55.2412, 37.0336, 5.0608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 119, 147) }
```

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

```
.background{ background-color: rgb(220,  
119, 147) }
```

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