

# Converting Colors

HunterLab(42.8167, 27.1836,  
0.0046)

Have a look what the booklet for  
HunterLab(42.8167, 27.1836,  
0.0046) contains.

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# Color

**HunterLab(42.6745, 27.2611,  
-0.1832)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AA5F7D
RGB	170, 95, 125
RGB Percent	67%, 37%, 49%
CMY	0.3333, 0.6274, 0.5098
CMYK	0.00, 0.44, 0.26, 0.33
HSL	336°, 31%, 52%
HSV	336°, 44%, 67%
XYZ	24.3714, 18.2111, 21.6326
YIQ	120.8450, 35.0700, 25.2300

# Conversions

## Conversions Part 2

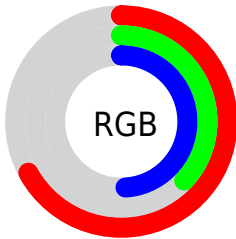
<b>Format</b>	<b>Color</b>
<b>RYB</b>	170, 95, 125
Decimal	11165565
CIELab	49.75, 34.24, -3.34
CIELCh	50, 34.401, 354.433
Yxy	18.2120, 0.3795, 0.2836
Android (android.graphics.Color)	4289355645 (0xFFAA5F7D)
YUV	120.8450, 2.0484, 43.1089
Hunter-Lab	42.6745, 27.2611, -0.1832

# Details

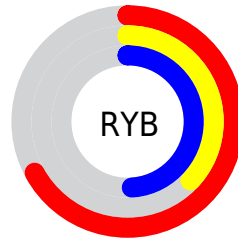
The HunterLab color  $42.6745, 27.2611, -0.1832$  is a dark color, and the websafe version is hex  $CC6699$ . A complement of this color would be  $57.5120, -26.6894, 9.3917$ , and the grayscale version is  $43.6500, -2.3291, 2.3716$ .

A 20% lighter version of the original color is  $63.5710, 29.5611, 0.4066$ , and  $24.8773, 24.5142, -0.5373$  is the 20% darker color. If you saturate the color by 10%, you get  $39.0240, 34.1011, 0.0921$ , and if you desaturate by 10%, it is  $46.7872, 20.2145, 0.0428$ .

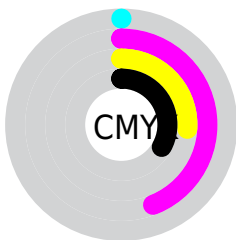
# Distribution



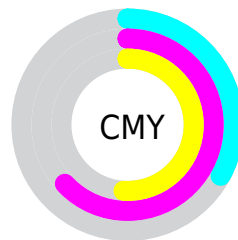
- Red (67%)
- Green (37%)
- Blue (49%)



- Red (67%)
- Yellow (37%)
- Blue (49%)



- Cyan (0%)
- Magenta (44%)
- Yellow (26%)
- Black (33%)



- Cyan (33%)
- Magenta (63%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.6745, 27.2611, -0.1832 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 42.6745, 27.2611, -0.1832 by changing the saturation by 10% instead.



■ 42.6745, 27.2611, -0.1832

■ 42.6745, 27.2611, -0.1832

155.5839, 34.1713, 4.6777

■ 33.3201, 25.9894, -0.5052

■ 63.5596, 29.4337, 0.6182

■ 24.7703, 24.5862, -0.7682

■ 74.9957, 30.3600, 1.0866

■ 17.1107, 23.0531, -0.9615

■ 87.0457, 31.1915, 1.5959

■ 10.4601, 21.4496, -1.0705

■ 99.6798, 31.9362, 2.1436

0.0000, INF, -NF

0.0000, NaN, NaN

112.8721, 32.6010, 2.7274

0.0000, NaN, NaN

126.6000, 33.1918,

0.0000, NaN, NaN

3.3454

0.0000, NaN, NaN

140.8432, 33.7137,  
3.9960

■ 42.6745, 27.2611,  
-0.1832

■ 42.6745, 27.2611,  
-0.1832

■ 39.0240, 34.1011,  
0.0921

■ 46.7872, 20.2145,  
0.0428

■ 35.9107, 40.4263,  
0.9480

■ 51.2880, 13.1612,  
0.6782

■ 33.4112, 45.7991,  
2.4307


■ 56.1179, 6.2016,  
1.6440


■ 31.5806, 49.7386,  
4.5071


■ 61.2275, -0.6196,  
2.8743


■ 30.4264, 51.8964,  
7.0335


■ 66.5772, -7.2912,  
4.3169

 29.9389, 52.6650,  
8.5415

 72.1350, -13.8196,  
5.9316

 77.8753, -20.2192,  
7.6875

 83.7773, -26.5074,  
9.5610

 89.8240, -32.7014,  
11.5335

# Harmonies

## Analogous

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



42.6755, 21.3541, -14.9912



42.6745, 27.2611, -0.1832



42.6755, 24.4748, 11.4493

# Triad

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



42.6755, 27.2590, -0.1822



42.6755, -12.6464, 19.4295



42.6755, -16.5573, -23.5285

# Complementary

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



42.6745, 27.2611, -0.1832



57.5120, -26.6894, 9.3917

# 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.



42.6755, -23.7282, -9.4077



42.6745, 27.2611, -0.1832



42.6755, -21.6778, 14.4875

# Square

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



42.6755, 27.2590, -0.1822



42.6755, 0.3084, 20.5048



42.6755, -25.4775, 4.6849



42.6755, -4.8068, -30.9370



# Rectangle

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



42.6745, 27.2611, -0.1832



42.6755, 18.2258, 16.4152



42.6755, -25.4775, 4.6849



42.6755, -19.5210, -19.2294

# Sweetspot

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



42.6755, 27.2590, -0.1822



76.1813, 7.5377, 2.3471



40.8205, 25.4823, -29.6378



35.2923, 4.5071, 0.9569



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912



# Same Dimension

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



42.6755, 27.2590, -0.1822



52.6355, 45.7961, 0.1127



43.5598, 19.8415, 12.4511



27.5503, 1.3569, 1.0396



25.6982, 45.2439, 7.0320



4.1332, 7.5109, -0.6827



# Inverse Universe

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



42.6755, 27.2590, -0.1822



52.6355, 45.7961, 0.1127



55.9936, -18.3425, -6.0873



27.5503, 1.3569, 1.0396



25.6982, 45.2439, 7.0320



4.1332, 7.5109, -0.6827



# Previews

## White Background



This preview shows how the HunterLab color 42.6745, 27.2611, -0.1832 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

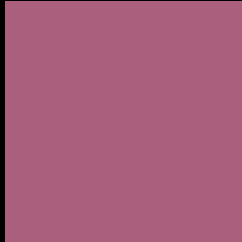
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 42.6745, 27.2611, -0.1832 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

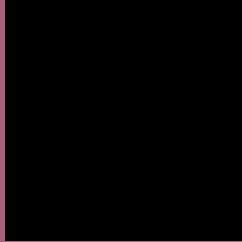
Any Text WCAG AA ✓ Pass

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 42.6745, 27.2611, -0.1832 Background



This preview shows how black text looks on a background with the HunterLab color 42.6745, 27.2611, -0.1832.



This preview shows how white text looks on a background with the HunterLab color 42.6745, 27.2611, -0.1832.

-0.1832.

# 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

42.6745, 27.2611, -0.1832

### Protanopia

42.9718, 0.4368, -7.2150

### Deuteranopia

42.8179, 3.0124, 0.9413



## Tritanopia

42.7658, 22.0436, 7.8336

# Trichromacy



## Original Color

42.6745, 27.2611, -0.1832

## Protanomaly

42.4547, 9.2503, -5.1758

## Deuteranomaly

42.5258, 11.3727, 0.2774

## Tritanomaly

42.8516, 23.7765, 5.2054

# Monochromacy



## Original Color

42.6745, 27.2611, -0.1832

## Achromatopsia

43.7266, -2.3331, 2.3758

## Achromatomaly

42.9912, 7.6166, 1.2315

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 42.6745, 27.2611, -0.1832 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(170, 95, 125)` looks like.

```
.text, #text, p{  
    color:rgb(170, 95, 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(170, 95, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 95, 125) }
```

## Border

The CSS property to change the border of an element to HunterLab 42.6745, 27.2611, -0.1832 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(170, 95, 125) }
```



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

```
.border{ border-color:rgb(170, 95, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 95, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 95, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 95, 125);  
box-shadow:4px 4px 4px 4px rgb(170, 95,  
125) }
```

# Background

The CSS property to change the background color of an element to HunterLab 42.6745, 27.2611, -0.1832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 95, 125) }
```

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

```
.background{ background-color: rgb(170, 95,  
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](#).

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