

# Converting Colors

HunterLab(47.9048, 22.5162,  
-28.2743)

Have a look what the booklet for  
HunterLab(47.9048, 22.5162,  
-28.2743) contains.

<b>HunterLab(47.9048, 22.5162, -28.2743)</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(47.9048, 22.5162,  
-28.2743)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A74BB
RGB	154, 116, 187
RGB Percent	60%, 45%, 73%
CMY	0.3961, 0.5451, 0.2667
CMYK	0.18, 0.38, 0.00, 0.27
HSL	272°, 34%, 59%
HSV	272°, 38%, 73%
XYZ	28.5415, 22.9487, 49.9390
YIQ	135.4560, -0.1430, 30.1370

# Conversions

## Conversions Part 2

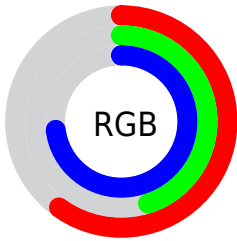
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 116, 187
Decimal	10122427
CIELab	55.02, 28.70, -31.79
CIELCh	55, 42.831, 312.081
Yxy	22.9496, 0.2814, 0.2263
Android (android.graphics.Color)	4288312507 (0xFF9A74BB)
YUV	135.4560, 25.4112, 16.2631
Hunter-Lab	47.9048, 22.5162, -28.2743

# Details

The HunterLab color  $47.9048, 22.5162, -28.2743$  is a light color, and the websafe version is hex  $996699$ . A complement of this color would be  $65.7204, -24.5178, 25.1602$ , and the grayscale version is  $49.3063, -2.6309, 2.6789$ .

A 20% lighter version of the original color is  $69.5718, 23.6221, -28.9793$ , and  $29.1109, 20.2305, -26.9026$  is the 20% darker color. If you saturate the color by 10%, you get  $42.7099, 29.7595, -38.4264$ , and if you desaturate by 10%, it is  $53.4672, 15.3808, -18.9187$ .

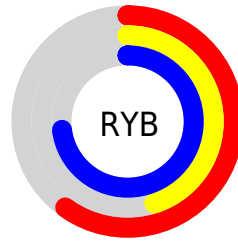
# Distribution



Red (60%)

Green (45%)

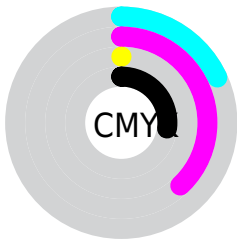
Blue (73%)



Red (60%)

Yellow (45%)

Blue (73%)

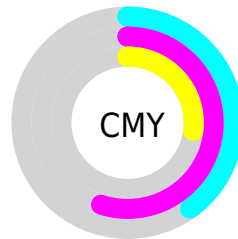


Cyan (18%)

Magenta (38%)

Yellow (0%)

Black (27%)



Cyan (40%)

Magenta (55%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.9048, 22.5162, -28.2743 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 47.9048, 22.5162, -28.2743 by changing the saturation by 10% instead.



47.9048, 22.5162,  
-28.2743

47.9048, 22.5162,  
-28.2743

163.5439, 27.1342,  
-31.6770

38.1528, 21.5517,  
-27.6751

69.5058, 24.1105,  
-29.3809

29.1695, 20.4598,  
-27.0937

81.2694, 24.7641,  
-29.8650

21.0287, 19.2261,  
-26.6214

93.6305, 25.3336,  
-30.2966

13.8288, 17.8475,  
-26.5019

106.5617, 25.8260,  
-30.6750

7.4551, 17.8732,  
-28.8629

120.0388, 26.2475,  
-31.0010

0.0000, INF, -NF

0.0000, NaN, -NF

134.0405, 26.6031,

-31.2755

0.0000, NaN, NaN

148.5479, 26.8974,  
-31.5003

0.0000, NaN, NaN

■ 47.9048, 22.5162,  
-28.2743

■ 47.9048, 22.5162,  
-28.2743

■ 42.7099, 29.7595,  
-38.4264

■ 53.4672, 15.3808,  
-18.9187

■ 37.9591, 36.9839,  
-49.3957

■ 59.3329, 8.3999,  
-10.2725

■ 33.7535, 43.9040,  
-61.0156

■ 65.4560, 1.5747,  
-2.2242

■ 30.2101, 50.0007,  
-72.7789

■ 71.8005, -5.1106,  
5.3312

■ 27.4429, 54.5148,  
-83.7088

■ 78.3383, -11.6778,  
12.4848

■ 25.4688, 56.8701,  
-92.7569

■ 85.0472, -18.1491,  
19.3125

■ 25.1039, 57.2829,  
-94.5654

■ 91.9097, -24.5450,  
25.8763

■ 95.3315, -25.7884,  
29.0516

■ 96.0737, -23.0568,  
29.7827

# Harmonies

## Analogous

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



47.9058, 4.7924, -41.2181



47.9048, 22.5162, -28.2743



47.9058, 34.4146, -8.4904

# Triad

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



47.9058, 22.5153, -28.2730



47.9058, 8.3960, 24.3494



47.9058, -31.5623, -4.6938

# Complementary

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



47.9048, 22.5162, -28.2743



65.7204, -24.5178, 25.1602

# 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.



47.9058, -30.8893, 11.5565



47.9048, 22.5162, -28.2743



47.9058, -9.4916, 24.7249

# Square

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



47.9058, 22.5153, -28.2730



47.9058, 25.4819, 19.6567



47.9058, -23.3451, 20.9821



47.9058, -25.3406, -24.6382



# Rectangle

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



47.9048, 22.5162, -28.2743



47.9058, 36.5229, 3.7711



47.9058, -23.3451, 20.9821



47.9058, -32.1066, 1.4143

# Sweetspot

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



47.9058, 22.5153, -28.2730



84.9322, 5.0190, -6.3572



53.7018, -4.4272, -18.8931



39.3308, 2.9370, -3.6654



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053



# Same Dimension

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



47.9058, 22.5153, -28.2730



57.9783, 38.6375, -49.7041



51.5206, 32.6872, -20.2688



30.7733, 1.1988, -1.5785



20.9415, 47.6673, -77.9726



4.5863, 9.9655, -13.4026



# Inverse Universe

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



50.2259, 26.4153, -2.1547



62.0541, 44.7294, -3.5800



63.6954, -32.2559, 22.6225



30.9971, 1.6695, 0.9249



27.8688, 49.4753, 4.4494



5.6342, 10.2223, -0.8050



# Previews

## White Background



This preview shows how the HunterLab color 47.9048, 22.5162, -28.2743 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

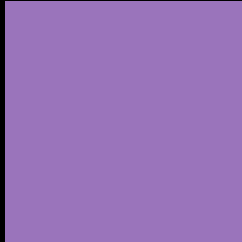
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 47.9048, 22.5162, -28.2743 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

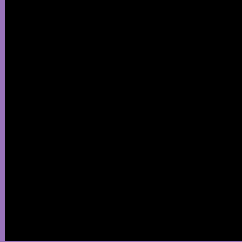
Any Text WCAG AA ✓ Pass

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 47.9048, 22.5162, -28.2743 Background



This preview shows how black text looks on a background with the HunterLab color 47.9048, 22.5162, -28.2743.



This preview shows how white text looks on a background with the HunterLab color 47.9048, 22.5162, -28.2743.



# 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

47.9048, 22.5162, -28.2743

### Protanopia

48.1982, 5.8696, -35.9188

### Deuteranopia

47.9618, 3.8016, -26.4377



## Tritanopia

48.0284, 4.7288, 0.9236

# Trichromacy



## Original Color

47.9048, 22.5162, -28.2743

## Protanomaly

47.8772, 11.3932, -33.5043

## Deuteranomaly

47.7882, 10.2886, -27.3190

## Tritanomaly

47.8770, 10.8911, -8.7104

# Monochromacy



## Original Color

47.9048, 22.5162, -28.2743

## Achromatopsia

49.2221, -2.6264, 2.6743

## Achromatomaly

48.4997, 6.0589, -7.3822

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 47.9048, 22.5162, -28.2743 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(154, 116, 187)` looks like.

```
.text, #text, p{  
    color:rgb(154, 116, 187)  
}
```

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(154, 116, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 116, 187) }
```

## Border

The CSS property to change the border of an element to HunterLab 47.9048, 22.5162, -28.2743 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(154, 116, 187) }
```



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

```
.border{ border-color:rgb(154, 116, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 116, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 116, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 116, 187);  
box-shadow:4px 4px 4px 4px rgb(154, 116,  
187) }
```

# Background

The CSS property to change the background color of an element to HunterLab 47.9048, 22.5162, -28.2743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 116, 187) }
```

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

```
.background{ background-color: rgb(154,  
116, 187) }
```

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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