

# Converting Colors

HunterLab(63.8158, 23.5669,  
-27.7836)

Have a look what the booklet for  
HunterLab(63.8158, 23.5669,  
-27.7836) contains.

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# Color

**HunterLab(63.8158, 23.5669,  
-27.7836)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C49BE3
RGB	196, 155, 227
RGB Percent	77%, 61%, 89%
CMY	0.2314, 0.3921, 0.1098
CMYK	0.14, 0.32, 0.00, 0.11
HSL	274°, 56%, 75%
HSV	274°, 32%, 89%
XYZ	48.3515, 40.7246, 77.9854
YIQ	175.4670, 1.3240, 31.0840

# Conversions

## Conversions Part 2

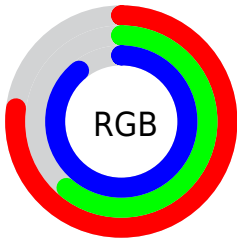
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 155, 227
Decimal	12884963
CIE <sub>Lab</sub>	69.98, 28.53, -30.70
CIE <sub>LCh</sub>	70, 41.904, 312.902
Yxy	40.7263, 0.2894, 0.2438
Android (android.graphics.Color)	4291075043 (0xFFC49BE3)
YUV	175.4670, 25.4058, 18.0074
Hunter-Lab	63.8158, 23.5669, -27.7836

# Details

The HunterLab color  $63.8158, 23.5669, -27.7836$  is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be  $82.3073, -27.7161, 27.8925$ , and the grayscale version is  $65.5673, -3.4985, 3.5624$ .

A 20% lighter version of the original color is  $86.1370, 18.3678, -11.7218$ , and  $42.7826, 21.8661, -26.6487$  is the 20% darker color. If you saturate the color by 10%, you get  $57.0955, 32.8369, -39.7102$ , and if you desaturate by 10%, it is  $70.9642, 14.4548, -16.7375$ .

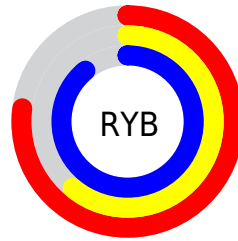
# Distribution



Red (77%)

Green (61%)

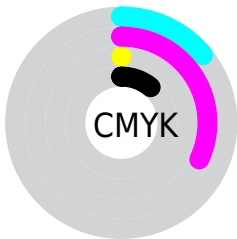
Blue (89%)



Red (77%)

Yellow (61%)

Blue (89%)

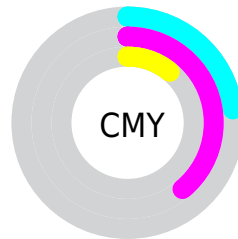


Cyan (14%)

Magenta (32%)

Yellow (0%)

Black (11%)



Cyan (23%)

Magenta (39%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.8158, 23.5669, -27.7836 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 63.8158, 23.5669, -27.7836 by changing the saturation by 10% instead.



63.8158, 23.5669,  
-27.7836

63.8158, 23.5669,  
-27.7836

186.8623, 27.1479,  
-30.2689

53.0144, 22.7766,  
-27.2483

87.3317, 24.8610,  
-28.6983

42.9011, 21.8794,  
-26.6758

99.9789, 25.3844,  
-29.0759

33.5278, 20.8610,  
-26.0876

113.1839, 25.8342,  
-29.3999

24.9585, 19.7072,  
-25.5371

126.9239, 26.2159,  
-29.6715

17.2771, 18.4072,  
-25.1566

141.1788, 26.5342,  
-29.8925

10.6014, 16.9746,  
-25.3316

155.9308, 26.7933,

0.0000, INF, -NF

-30.0645

0.0000, NaN, -NF

171.1635, 26.9968,  
-30.1894

0.0000, NaN, NaN

■ 63.8158, 23.5669,  
-27.7836

■ 63.8158, 23.5669,  
-27.7836

■ 57.0955, 32.8369,  
-39.7102

■ 70.9642, 14.4548,  
-16.7375

■ 50.8880, 42.1552,  
-52.5778

■ 78.4683, 5.5368,  
-6.4630

■ 45.3075, 51.2540,  
-66.2862

■ 86.2768, -3.1949,  
3.1655

■ 40.4904, 59.6177,  
-80.4224

■ 94.3491, -11.7629,  
12.2626

■ 36.5820, 66.4204,  
-94.0809

■ 98.2117, -13.3181,  
16.4116

■ 33.6958, 70.6621,  
-105.8742

■ 99.1256, -10.0797,  
17.4358

■ 31.9905, 72.1209,  
-113.7159

■ 99.1595, -9.9599,  
17.4738

# Harmonies

## Analogous

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



63.8171, 5.0002, -40.8245



63.8158, 23.5669, -27.7836



63.8171, 35.6236, -7.6750

# Triad

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



63.8171, 23.5655, -27.7820



63.8171, 7.7520, 28.6564



63.8171, -35.4062, -4.8294

# Complementary

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



63.8158, 23.5669, -27.7836



82.3073, -27.7161, 27.8925

# 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.



63.8171, -34.8538, 12.9152



63.8158, 23.5669, -27.7836



63.8171, -11.4033, 29.0065

# Square

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



63.8171, 23.5655, -27.7820



63.8171, 25.7831, 22.9733



63.8171, -26.5341, 24.1318



63.8171, -28.1440, -25.1782



# Rectangle

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



63.8158, 23.5669, -27.7836



63.8171, 37.5672, 5.2171



63.8171, -26.5341, 24.1318



63.8171, -36.1009, 1.6797

# Sweetspot

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



63.8171, 23.5655, -27.7820



90.9794, 4.6572, -5.5119



69.0785, -4.6446, -19.8913



41.5169, 2.8120, -3.2871

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



63.8171, 23.5655, -27.7820



67.7464, 33.7776, -40.4621



67.1267, 33.0702, -19.2223



37.8023, 1.6742, -1.9982



24.5735, 55.2449, -86.1512



7.0770, 15.4968, -21.6072



# Inverse Universe

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



65.8183, 26.5591, -0.8264



70.6467, 37.7921, -1.5737



80.2739, -35.2661, 24.3493



38.0401, 2.0953, 1.2703



31.7144, 55.9948, 7.4466

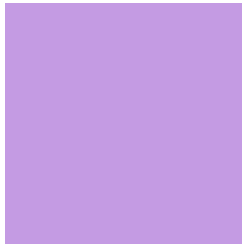


8.7268, 15.6069, 0.5079



# Previews

## White Background



This preview shows how the HunterLab color 63.8158, 23.5669, -27.7836 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

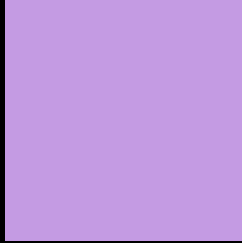
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 63.8158, 23.5669, -27.7836 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

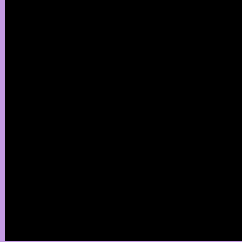
Any Text WCAG AA ✓ Pass

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 63.8158, 23.5669, -27.7836 Background



This preview shows how black text looks on a background with the HunterLab color 63.8158, 23.5669, -27.7836.



This preview shows how white text looks on a background with the HunterLab color 63.8158, 23.5669, -27.7836.

-27.7836.

# 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

63.8158, 23.5669, -27.7836

### Protanopia

64.1313, 5.7371, -35.1647

### Deuteranopia

63.8420, 5.0227, -26.0657



## Tritanopia

63.8874, 6.1869, 0.3869

# Trichromacy



## Original Color

63.8158, 23.5669, -27.7836

## Protanomaly

63.8020, 11.6227, -32.8191

## Deuteranomaly

63.5620, 11.4914, -27.0787

## Tritanomaly

63.6802, 12.4401, -9.1670

# Monochromacy



## Original Color

63.8158, 23.5669, -27.7836

## Achromatopsia

65.4745, -3.4936, 3.5574

## Achromatomaly

64.7824, 5.8524, -6.6907

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 63.8158, 23.5669, -27.7836 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(196, 155, 227)` looks like.

```
.text, #text, p{  
    color:rgb(196, 155, 227)  
}
```

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(196, 155, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 155, 227) }
```

## Border

The CSS property to change the border of an element to HunterLab 63.8158, 23.5669, -27.7836 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(196, 155, 227) }
```



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

```
.border{ border-color:rgb(196, 155, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 155, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 155, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 155, 227);  
box-shadow:4px 4px 4px 4px rgb(196, 155,  
227) }
```

# Background

The CSS property to change the background color of an element to HunterLab 63.8158, 23.5669, -27.7836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 155, 227) }
```

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

```
.background{ background-color: rgb(196,  
155, 227) }
```

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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