

# Converting Colors

HunterLab(65.5842, 19.2886,  
-25.1630)

Have a look what the booklet for  
HunterLab(65.5842, 19.2886,  
-25.1630) contains.

<b>HunterLab(65.5659, 19.4526, -24.9750)</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(65.5659, 19.4526,  
-24.9750)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3A2E3
RGB	195, 162, 227
RGB Percent	76%, 64%, 89%
CMY	0.2353, 0.3647, 0.1098
CMYK	0.14, 0.29, 0.00, 0.11
HSL	270°, 54%, 76%
HSV	270°, 29%, 89%
XYZ	49.2912, 42.9889, 78.3729
YIQ	179.2770, -1.1970, 27.2110

# Conversions

## Conversions Part 2

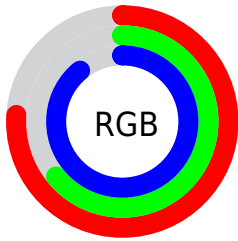
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	195, 162, 227
Decimal	12821219
CIE <sub>Lab</sub>	71.55, 24.35, -28.29
CIE <sub>LCh</sub>	72, 37.329, 310.716
Yxy	42.9907, 0.2888, 0.2519
Android (android.graphics.Color)	4291011299 (0xFFC3A2E3)
YUV	179.2770, 23.5274, 13.7891
Hunter-Lab	65.5659, 19.4526, -24.9750

# Details

The HunterLab color  $65.5659, 19.4526, -24.9750$  is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be  $83.0766, -24.5453, 26.3651$ , and the grayscale version is  $67.1628, -3.5836, 3.6491$ .

A 20% lighter version of the original color is  $88.0575, 14.1632, -9.1918$ , and  $44.4464, 18.2475, -23.6880$  is the 20% darker color. If you saturate the color by 10%, you get  $58.5393, 28.2697, -37.0392$ , and if you desaturate by 10%, it is  $72.9847, 10.8399, -13.8748$ .

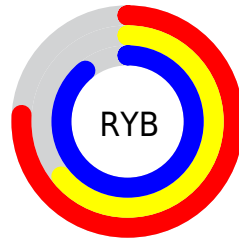
# Distribution



Red (76%)

Green (64%)

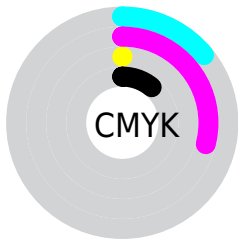
Blue (89%)



Red (76%)

Yellow (64%)

Blue (89%)

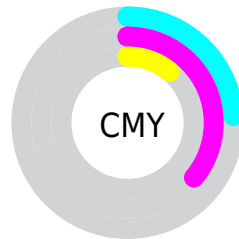


Cyan (14%)

Magenta (29%)

Yellow (0%)

Black (11%)



Cyan (24%)

Magenta (36%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.5659, 19.4526, -24.9750 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 65.5659, 19.4526, -24.9750 by changing the saturation by 10% instead.



65.5659, 19.4526,  
-24.9750

65.5659, 19.4526,  
-24.9750

189.3603, 21.5381,  
-26.8182

54.6606, 18.8595,  
-24.5011

89.2730, 20.3746,  
-25.7519

44.4363, 18.1676,  
-23.9792

102.0092, 20.7220,  
-26.0573

34.9434, 17.3624,  
-23.4217

115.2993, 21.0017,  
-26.3084

26.2434, 16.4281,  
-22.8632

129.1212, 21.2186,  
-26.5071

18.4164, 15.3469,  
-22.3905

143.4550, 21.3773,  
-26.6555

11.5735, 14.1077,  
-22.2546

158.2833, 21.4813,

4.1406, 25.4045,

-26.7555

-36.2189

173.5899, 21.5339,  
-26.8091

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 65.5659, 19.4526,  
-24.9750

■ 65.5659, 19.4526,  
-24.9750

■ 58.5393, 28.2697,  
-37.0392

■ 72.9847, 10.8399,  
-13.8748

■ 51.9818, 37.2432,  
-50.2081

■ 80.7304, 2.4336,  
-3.5848

■ 46.0011, 46.2045,  
-64.5135

■ 88.7573, -5.7914,  
6.0442

■ 40.7321, 54.7728,  
-79.7267

■ 97.0294, -13.8656,  
15.1388

■ 36.3334, 62.2403,

■ 98.7690, -11.3396,

-95.1135

17.0371

■ 32.9567, 67.5737,  
-109.2514

■ 99.1595, -9.9599,  
17.4737

■ 30.6263, 69.9916,  
-120.5935

■ 30.3440, 70.2420,  
-122.0717

# Harmonies

## Analogous

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



65.5673, 2.7498, -35.3913



65.5659, 19.4526, -24.9750



65.5673, 30.6575, -7.6721

# Triad

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



65.5673, 19.4513, -24.9734



65.5673, 7.7602, 26.8296



65.5673, -32.8876, -2.5427

# Complementary

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



65.5659, 19.4526, -24.9750



83.0766, -24.5453, 26.3651

# 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.



65.5673, -31.8428, 13.1160



65.5659, 19.4526, -24.9750



65.5673, -9.5280, 27.5343

# Square

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



65.5673, 19.4513, -24.9734



65.5673, 23.4423, 20.9268



65.5673, -23.6763, 23.1884



65.5673, -26.6943, -20.3978



# Rectangle

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



65.5659, 19.4526, -24.9750



65.5673, 32.8799, 3.9602



65.5673, -23.6763, 23.1884



65.5673, -33.3539, 3.1754

# Sweetspot

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



65.5673, 19.4513, -24.9734



91.7285, 3.1799, -4.5727



72.1357, -7.0401, -15.4058



41.8302, 2.1152, -2.8896

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



65.5673, 19.4513, -24.9734



70.2711, 27.7861, -36.0364



69.0792, 30.1851, -19.2806



37.7425, 1.4719, -2.0788



23.3226, 53.8087, -92.4317



6.7617, 15.1144, -23.0314



# Inverse Universe

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



67.8737, 24.1235, -2.3401



73.5381, 34.0692, -3.7686



80.7647, -33.2798, 24.0892



38.0601, 2.2025, 0.9860



31.9794, 56.9625, 3.6347

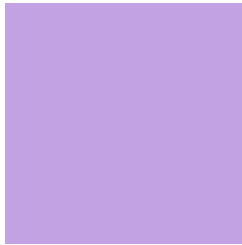


8.8003, 15.8737, -0.5369



# Previews

## White Background



This preview shows how the HunterLab color 65.5659, 19.4526, -24.9750 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

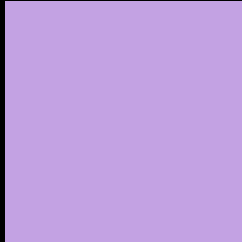
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 65.5659, 19.4526, -24.9750 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

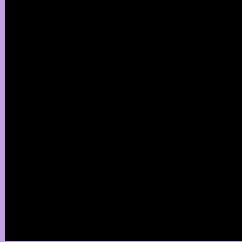
Any Text WCAG AA ✓ Pass

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 65.5659, 19.4526, -24.9750 Background



This preview shows how black text looks on a background with the HunterLab color 65.5659, 19.4526, -24.9750.



This preview shows how white text looks on a background with the HunterLab color 65.5659, 19.4526, -24.9750.

-24.9750.

# 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

65.5659, 19.4526, -24.9750

### Protanopia

65.6920, 4.7043, -30.3761

### Deuteranopia

65.6112, 5.0734, -23.8531



## Tritanopia

65.4992, 4.6470, -0.6068

# Trichromacy



## Original Color

65.5659, 19.4526, -24.9750

## Protanomaly

65.4676, 9.6203, -28.6308

## Deuteranomaly

65.4548, 10.5218, -24.6576

## Tritanomaly

65.4858, 10.0495, -8.9456

# Monochromacy



## Original Color

65.5659, 19.4526, -24.9750

## Achromatopsia

67.1406, -3.5825, 3.6479

## Achromatomaly

66.4733, 4.2815, -5.5456

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 65.5659, 19.4526, -24.9750 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(195, 162, 227)` looks like.

```
.text, #text, p{  
    color:rgb(195, 162, 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(195, 162, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 162, 227) }
```

## Border

The CSS property to change the border of an element to HunterLab 65.5659, 19.4526, -24.9750 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(195, 162, 227) }
```



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

```
.border{ border-color:rgb(195, 162, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 162, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 162, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 162, 227);  
box-shadow:4px 4px 4px 4px rgb(195, 162,  
227) }
```

# Background

The CSS property to change the background color of an element to HunterLab 65.5659, 19.4526, -24.9750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 162, 227) }
```

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

```
.background{ background-color: rgb(195,  
162, 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](#).

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