

# Converting Colors

HunterLab(49.9825, 20.3905,  
-38.1101)

Have a look what the booklet for  
HunterLab(49.9825, 20.3905,  
-38.1101) contains.

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# Color

**HunterLab(49.9825, 20.3905,  
-38.1101)**

# Conversions

Conversions Part 1	
Format	Color
Hex	927CCE
RGB	146, 124, 206
RGB Percent	57%, 49%, 81%
CMY	0.4274, 0.5137, 0.1922
CMYK	0.29, 0.40, 0.00, 0.19
HSL	256°, 46%, 65%
HSV	256°, 40%, 81%
XYZ	30.2023, 24.9825, 61.6228
YIQ	139.9260, -13.2100, 30.1660

# Conversions

## Conversions Part 2

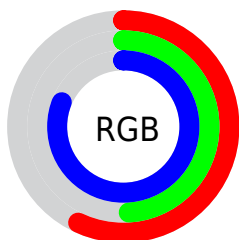
Format	Color
<a href="#">RYB</a>	<a href="#">146, 124, 206</a>
Decimal	<a href="#">9600206</a>
CIELab	<a href="#">57.06, 26.29, -39.47</a>
CIELCh	<a href="#">57, 47.423, 303.665</a>
Yxy	<a href="#">24.9835, 0.2586, 0.2139</a>
Android (android.graphics.Color)	<a href="#">4287790286</a> (0xFF927CCE)
YUV	<a href="#">139.9260, 32.5745, 5.3269</a>
Hunter-Lab	<a href="#">49.9825, 20.3905, -38.1101</a>

# Details

The HunterLab color **49.9825, 20.3905, -38.1101** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **74.6918, -22.0288, 30.5017**, and the grayscale version is **51.0598, -2.7244, 2.7742**.

A 20% lighter version of the original color is **71.5687, 19.7352, -33.9305**, and **30.9737, 18.5027, -36.6347** is the 20% darker color. If you saturate the color by 10%, you get **43.6540, 27.3846, -51.9293**, and if you desaturate by 10%, it is **56.7193, 13.7801, -25.8481**.

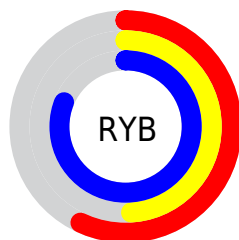
# Distribution



Red (57%)

Green (49%)

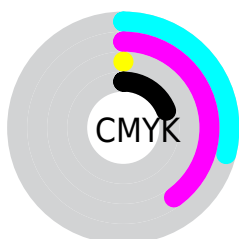
Blue (81%)



Red (57%)

Yellow (49%)

Blue (81%)

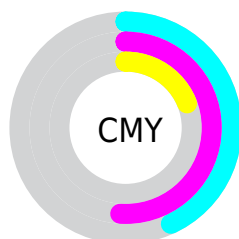


Cyan (29%)

Magenta (40%)

Yellow (0%)

Black (19%)



Cyan (43%)

Magenta (51%)

Yellow (19%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9825, 20.3905, -38.1101 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 49.9825, 20.3905, -38.1101 by changing the saturation by 10% instead.





 49.9825, 20.3905,  
-38.1101


 49.9825, 20.3905,  
-38.1101


166.6600, 24.0276,  
-42.9028


 40.0808, 19.5596,  
-37.4667

 71.8543, 21.7361,  
-39.4339

 30.9354, 18.6064,  
-36.9221


 83.7421, 22.2731,  
-40.0622

 22.6159, 17.5146,  
-36.6295

 96.2216, 22.7306,  
-40.6514

 15.2144, 16.2710,  
-36.9662

109.2659, 23.1153,  
-41.1961

 8.8403, 15.0098,  
-39.2067

122.8516, 23.4329,  
-41.6941

0.0000, INF, -NF

0.0000, NaN, -NF

136.9579, 23.6881,

-42.1444

0.0000, NaN, NaN

151.5663, 23.8852,  
-42.5471

0.0000, NaN, NaN

■ 49.9825, 20.3905,  
-38.1101

■ 49.9825, 20.3905,  
-38.1101

■ 43.6540, 27.3846,  
-51.9293

■ 56.7193, 13.7801,  
-25.8481

■ 37.8362, 34.7561,  
-67.5798

■ 63.7865, 7.5029,  
-14.8403

■ 32.6769, 42.3268,  
-85.0736

■ 71.1310, 1.4947,  
-4.8156

■ 28.3705, 49.5457,  
-103.6832

■ 78.7129, -4.3034,  
4.4430

■ 25.1368, 55.2907,  
-121.2736

■ 86.5020, -9.9407,  
13.1046

■ 23.0071, 58.6713,  
-135.2766

■ 94.4752, -15.4565,  
21.2988

■ 22.9699, 58.7365,  
-135.5422

■ 98.2757, -14.1992,  
25.0798

■ 98.6084, -13.0135,  
25.4245

# Harmonies

## Analogous

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



49.9835, -0.1969, -49.0250



49.9825, 20.3905, -38.1101



49.9835, 36.5080, -16.2970

# Triad

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



49.9835, 20.3900, -38.1087



49.9835, 15.4864, 25.6019



49.9835, -35.4446, 0.3344

# Complementary

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



49.9825, 20.3905, -38.1101



74.6918, -22.0288, 30.5017

# 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.



49.9835, -32.5794, 16.3382



49.9825, 20.3905, -38.1101



49.9835, -5.0953, 27.1374

# Square

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



49.9835, 20.3900, -38.1087



49.9835, 33.3799, 19.0004



49.9835, -22.1836, 24.5414



49.9835, -30.7262, -21.9914



# Rectangle

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



49.9825, 20.3905, -38.1101



49.9835, 41.3911, -1.4698



49.9835, -22.1836, 24.5414



49.9835, -35.3322, 6.5772

# Sweetspot

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



49.9835, 20.3900, -38.1087



88.3202, 3.6687, -9.0241



65.6342, -15.2628, -12.5724



40.2850, 2.1614, -4.9419

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



49.9835, 20.3900, -38.1087



56.5087, 33.7531, -63.8529



54.2405, 32.7982, -29.8320



33.1469, 0.5801, -2.0496



18.1383, 46.1902, -105.5478



4.5583, 10.9117, -21.1273



# Inverse Universe

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



55.6764, 35.0187, -13.3703



65.7330, 55.4460, -20.9599



71.7286, -33.2974, 27.8532



33.6903, 2.2585, -0.0910



30.7690, 57.2016, -15.0687

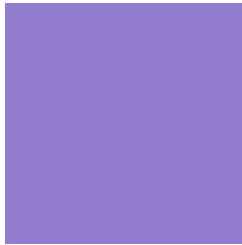


7.0754, 13.3010, -4.6067



# Previews

## White Background



This preview shows how the HunterLab color 49.9825, 20.3905, -38.1101 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

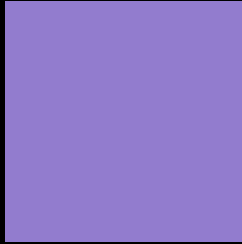
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the HunterLab color 49.9825, 20.3905, -38.1101 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 49.9825, 20.3905, -38.1101 Background



This preview shows how black text looks on a background with the HunterLab color 49.9825, 20.3905, -38.1101.



This preview shows how white text looks on a background with the HunterLab color 49.9825, 20.3905, -38.1101.

-38.1101.

# 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

49.9825, 20.3905, -38.1101

### Protanopia

50.0822, 8.0684, -45.1082

### Deuteranopia

50.1081, 4.1039, -35.9048



## Tritanopia

50.0662, -1.8935, -1.8719

# Trichromacy



**Original Color**  
49.9825, 20.3905, -38.1101

**Protanomaly**  
49.7832, 12.3835, -43.2890

**Deuteranomaly**  
49.9997, 9.5207, -36.7650

**Tritanomaly**  
49.7322, 5.5719, -13.4231

# Monochromacy



**Original Color**  
49.9825, 20.3905, -38.1101

**Achromatopsia**  
51.2104, -2.7325, 2.7824

**Achromatomaly**  
50.4790, 4.9491, -10.0608

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 49.9825, 20.3905, -38.1101 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(146, 124, 206)` looks like.

```
.text, #text, p{  
    color:rgb(146, 124, 206)  
}
```

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(146, 124, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 124, 206) }
```

## Border

The CSS property to change the border of an element to HunterLab 49.9825, 20.3905, -38.1101 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(146, 124, 206) }
```



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

```
.border{ border-color:rgb(146, 124, 206) }
```

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

Here you see how a box with a 4 pixel rgb(146, 124, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 124, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 124, 206);  
box-shadow:4px 4px 4px 4px rgb(146, 124,  
206) }
```

# Background

The CSS property to change the background color of an element to HunterLab 49.9825, 20.3905, -38.1101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 124, 206) }
```

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

```
.background{ background-color: rgb(146,  
124, 206) }
```

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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