

# Converting Colors

HunterLab(98.0771, 93.6754,  
-58.1404)

Have a look what the booklet for  
HunterLab(98.0771, 93.6754,  
-58.1404) contains.

<b>HunterLab(79.2218, 33.5725, -21.4010)</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(79.2218, 33.5725,  
-21.4010)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB8FF
RGB	255, 184, 255
RGB Percent	100%, 72%, 100%
CMY	0.0000, 0.2784, 0.0000
CMYK	0.00, 0.28, 0.00, 0.00
HSL	300°, 100%, 86%
HSV	300°, 28%, 100%
XYZ	76.4305, 62.7609, 102.6934
YIQ	213.3230, 19.5250, 37.1330

# Conversions

## Conversions Part 2

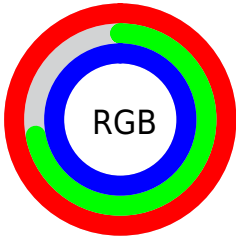
Format	Color
R <sub>Y</sub> B	255, 184, 255
Decimal	16759039
CIE Lab	83.32, 36.87, -24.90
CIE LCh	83, 44.487, 325.965
Yxy	62.7633, 0.3160, 0.2595
Android (android.graphics.Color)	4294949119 (0xFFFFB8FF)
YUV	213.3230, 20.5468, 36.5507
Hunter-Lab	79.2218, 33.5725, -21.4010

# Details

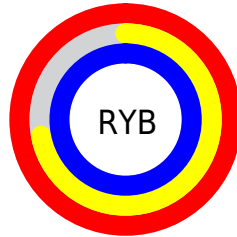
The HunterLab color  $79.2218, 33.5725, -21.4010$  is a light color, and the websafe version is hex  $\text{FFCCFF}$ . A complement of this color would be  $92.2887, -37.3699, 27.0786$ , and the grayscale version is  $81.6201, -4.3550, 4.4346$ .

A 20% lighter version of the original color is  $95.5984, 2.1411, 0.2692$ , and  $56.4914, 31.3278, -20.7146$  is the 20% darker color. If you saturate the color by 10%, you get  $72.8743, 47.8569, -31.2296$ , and if you desaturate by 10%, it is  $86.2145, 19.3433, -11.5984$ .

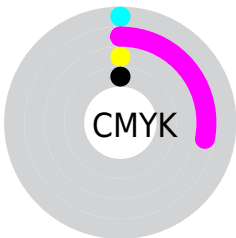
# Distribution



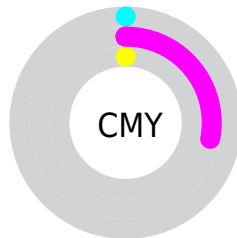
- Red (100%)
- Green (72%)
- Blue (100%)



- Red (100%)
- Yellow (72%)
- Blue (100%)



- Cyan (0%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (0%)
- Magenta (28%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 79.2218, 33.5725, -21.4010 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 79.2218, 33.5725, -21.4010 by changing the saturation by 10% instead.





 79.2218, 33.5725,  
-21.4010

 79.2218, 33.5725,  
-21.4010


208.4970, 39.0048,  
-21.8625

 67.5646, 32.5753,  
-21.0844

 104.3206, 35.2821,  
-21.8540

 56.5416, 31.4784,  
-20.7101


117.7063, 36.0150,  
-21.9991

 46.1933, 30.2692,  
-20.2766


131.6202, 36.6734,  
-22.0926

 36.5670, 28.9381,  
-19.7894

146.0427, 37.2624,  
-22.1368

 27.7215, 27.4777,  
-19.2652

160.9567, 37.7864,  
-22.1339

 19.7331, 25.8916,  
-18.7502

176.3464, 38.2492,

 12.7060, 24.2268,

-22.0859

-18.3809

192.1975, 38.6543,  
-21.9949

6.0604, 28.2215,  
-22.0142

0.0000, INF, -NF

79.2218, 33.5725,  
-21.4010

79.2218, 33.5725,  
-21.4010

72.8743, 47.8569,  
-31.2296

86.2145, 19.3433,  
-11.5984

67.2730, 61.8476,  
-40.8450

93.7549, 5.3758,  
-1.9639

62.5309, 74.9790,  
-49.8605

100.0000, -5.3358,  
5.4332

58.7498, 86.4977,  
-57.7619

■ 55.9979, 95.5842,  
-63.9908

■ 54.2773, 101.6117,  
-68.1208

■ 53.4785, 104.5096,  
-70.1059

■ 53.3667, 104.9207,  
-70.3875

# Harmonies

## Analogous

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



79.2233, 14.9619, -40.5472



79.2218, 33.5725, -21.4010



79.2233, 42.0499, 1.4560

# Triad

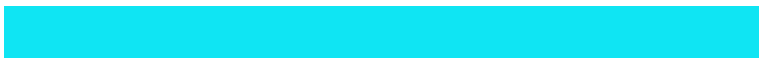
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.2233, 33.5693, -21.3989



79.2233, -1.2614, 34.6601



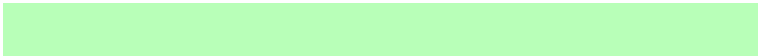
79.2233, -38.4942, -15.2000

# Complementary

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



79.2218, 33.5725, -21.4010



92.2887, -37.3699, 27.0786

# 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.



79.2233, -41.8470, 7.0661



79.2218, 33.5725, -21.4010



79.2233, -21.7553, 32.4307

# Square

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



79.2233, 33.5693, -21.3989



79.2233, 20.6119, 30.7436



79.2233, -36.0514, 23.5355



79.2233, -26.3465, -36.3421



# Rectangle

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



79.2218, 33.5725, -21.4010



79.2233, 40.2140, 14.5113



79.2233, -36.0514, 23.5355



79.2233, -40.6268, -7.4535

# Sweetspot

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



79.2233, 33.5693, -21.3989



93.6311, 5.5954, -2.1154



71.8988, 10.6244, -33.5268



42.7790, 3.5516, -1.6432

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



79.2233, 33.5693, -21.3989



75.8612, 40.9509, -26.4793



77.9001, 26.9004, -2.7994



42.7790, 3.5516, -1.6432



38.5764, 75.8426, -50.8800



12.0372, 23.6656, -15.8764



# Inverse Universe

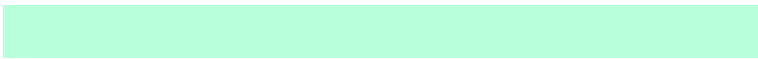
The Inverse Universe completely reimagines the original color for something new.



79.2233, 33.5693, -21.3989



75.8612, 40.9509, -26.4793



93.1944, -32.1167, 14.0061



42.7790, 3.5516, -1.6432



38.5764, 75.8426, -50.8800



12.0372, 23.6656, -15.8764



# Previews

## White Background



This preview shows how the HunterLab color 79.2218, 33.5725, -21.4010 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

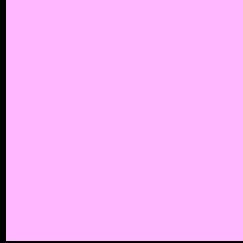
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 79.2218, 33.5725, -21.4010 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 79.2218, 33.5725, -21.4010 Background



This preview shows how black text looks on a background with the HunterLab color 79.2218, 33.5725, -21.4010.



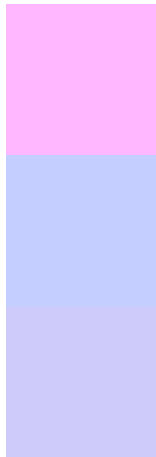
This preview shows how white text looks on a background with the HunterLab color 79.2218, 33.5725, -21.4010.

-21.4010.

# 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

79.2218, 33.5725, -21.4010

### Protanopia

79.4345, 2.3035, -21.6279

### Deuteranopia

79.2456, 5.9798, -19.3485



## Tritanopia

79.2677, 17.8355, 4.5218

# Trichromacy



## Original Color

79.2218, 33.5725, -21.4010



## Protanomaly

78.9683, 12.9345, -22.1459



## Deuteranomaly

78.9655, 15.6387, -20.2165



## Tritanomaly

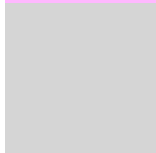
79.2290, 23.0842, -4.0825

# Monochromacy



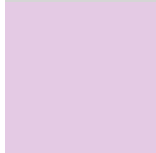
## Original Color

79.2218, 33.5725, -21.4010



## Achromatopsia

81.5713, -4.3524, 4.4319



## Achromatomaly

80.2100, 8.9997, -4.6726

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 79.2218, 33.5725, -21.4010 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(255, 184, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 255)  
}
```

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(255, 184, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 79.2218, 33.5725, -21.4010 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(255, 184, 255) }
```



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

```
.border{ border-color:rgb(255, 184, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 184, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 79.2218, 33.5725, -21.4010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 255) }
```

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

```
.background{ background-color: rgb(255,  
184, 255) }
```

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