

# Converting Colors

HunterLab(79.0727, 33.5753,  
-20.9378)

Have a look what the booklet for  
HunterLab(79.0727, 33.5753,  
-20.9378) contains.

<b>HunterLab(79.1813, 33.3696, -20.8355)</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(79.1813, 33.3696,  
-20.8355)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB8FE
RGB	255, 184, 254
RGB Percent	100%, 72%, 100%
CMY	0.0000, 0.2784, 0.0039
CMYK	0.00, 0.28, 0.00, 0.00
HSL	301°, 100%, 86%
HSV	301°, 28%, 100%
XYZ	76.2699, 62.6968, 101.8478
YIQ	213.2090, 19.8460, 36.8220

# Conversions

## Conversions Part 2

Format	Color
R <sub>Y</sub> B	255, 184, 254
Decimal	16759038
CIE Lab	83.28, 36.69, -24.42
CIE LCh	83, 44.069, 326.353
Yxy	62.6992, 0.3167, 0.2604
Android (android.graphics.Color)	4294949118 (0xFFFFB8FE)
YUV	213.2090, 20.1100, 36.6507
Hunter-Lab	79.1813, 33.3696, -20.8355

# Details

The HunterLab color  $79.1813, 33.3696, -20.8355$  is a light color, and the websafe version is hex  $FFCCFF$ . A complement of this color would be  $92.3114, -37.2371, 26.7483$ , and the grayscale version is  $81.5728, -4.3525, 4.4320$ .

A 20% lighter version of the original color is  $95.5984, 2.1411, 0.2692$ , and  $56.4507, 31.1294, -20.1506$  is the 20% darker color. If you saturate the color by 10%, you get  $72.8145, 47.5715, -30.4049$ , and if you desaturate by 10%, it is  $86.1907, 19.2191, -11.2623$ .

# 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 79.1813, 33.3696, -20.8355 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 79.1813, 33.3696, -20.8355 by changing the saturation by 10% instead.





 79.1813, 33.3696,  
-20.8355

 79.1813, 33.3696,  
-20.8355


208.4411, 38.7485,  
-21.1747

 67.5262, 32.3791,  
-20.5333


 104.2763, 35.0666,  
-21.2610

 56.5054, 31.2890,  
-20.1723


117.6602, 35.7933,  
-21.3922

 46.1595, 30.0866,  
-19.7512


131.5722, 36.4456,  
-21.4718

 36.5357, 28.7623,  
-19.2747

145.9931, 37.0287,  
-21.5023

 27.6930, 27.3085,  
-18.7581

160.9054, 37.5468,  
-21.4858

 19.7076, 25.7284,  
-18.2442

176.2935, 38.0040,

 12.6840, 24.0680,

-21.4244

-17.8618

192.1431, 38.4035,  
-21.3202

6.0295, 28.1588,  
-21.4440

0.0000, INF, -NF

79.1813, 33.3696,  
-20.8355

79.1813, 33.3696,  
-20.8355

72.8145, 47.5715,  
-30.4049

86.1907, 19.2191,  
-11.2623

67.1912, 61.4785,  
-39.7308

93.7453, 5.3239,  
-1.8268

62.4245, 74.5290,  
-48.4322

100.0000, -5.3358,  
5.4332

58.6171, 85.9727,  
-56.0044

■ 55.8382, 94.9900,  
-61.9014

■ 54.0915, 100.9510,  
-65.7101

■ 53.2686, 103.7805,  
-67.3937

■ 53.1517, 104.1766,  
-67.6117

# Harmonies

## Analogous

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



79.1828, 15.0485, -39.8563



79.1813, 33.3696, -20.8355



79.1828, 41.5917, 1.7572

# Triad

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



79.1828, 33.3666, -20.8339



79.1828, -1.5717, 34.4545



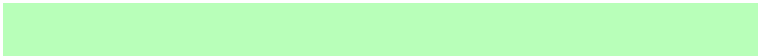
79.1828, -38.0927, -15.2940

# Complementary

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



79.1813, 33.3696, -20.8355



92.3114, -37.2371, 26.7483

# 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.



79.1828, -41.5370, 6.7808



79.1813, 33.3696, -20.8355



79.1828, -21.8227, 32.1539

# Square

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



79.1828, 33.3666, -20.8339



79.1828, 20.1036, 30.6356



79.1828, -35.9015, 23.2134



79.1828, -25.9379, -36.1026



# Rectangle

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



79.1813, 33.3696, -20.8355



79.1828, 39.6592, 14.6395



79.1828, -35.9015, 23.2134



79.1828, -40.2475, -7.6306

# Sweetspot

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



79.1828, 33.3666, -20.8339



93.6213, 5.5425, -1.9754



71.8988, 10.6243, -33.5267



42.7735, 3.5223, -1.5654

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



79.1828, 33.3666, -20.8339



75.8111, 40.7060, -25.7843



77.9002, 26.9003, -2.7993



42.7735, 3.5223, -1.5654



38.4237, 75.3139, -48.9076



11.9953, 23.5204, -15.3346



# Inverse Universe

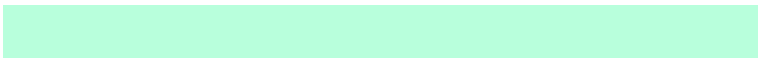
The Inverse Universe completely reimagines the original color for something new.



79.1828, 33.3666, -20.8339



75.8111, 40.7060, -25.7843



93.1945, -32.1166, 14.0060



42.7735, 3.5223, -1.5654



38.4237, 75.3139, -48.9076



11.9953, 23.5204, -15.3346



# Previews

## White Background



This preview shows how the HunterLab color 79.1813, 33.3696, -20.8355 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

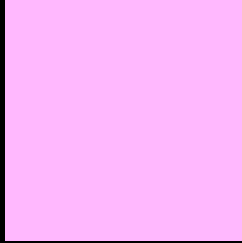
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 79.1813, 33.3696, -20.8355 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

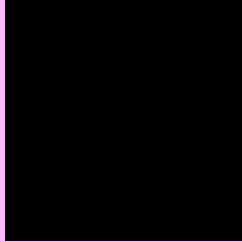
Any Text WCAG AA ✓ Pass

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 79.1813, 33.3696, -20.8355 Background



This preview shows how black text looks on a background with the HunterLab color 79.1813, 33.3696, -20.8355.



This preview shows how white text looks on a background with the HunterLab color 79.1813, 33.3696, -20.8355.

-20.8355.

# 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

79.1813, 33.3696, -20.8355

### Protanopia

79.4345, 2.3035, -21.6279

### Deuteranopia

79.2965, 6.0709, -18.6554



## Tritanopia

79.2677, 17.8355, 4.5218

# Trichromacy



## Original Color

79.1813, 33.3696, -20.8355



## Protanomaly

78.9683, 12.9345, -22.1459



## Deuteranomaly

78.9254, 15.4293, -19.6575



## Tritanomaly

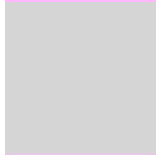
79.2290, 23.0842, -4.0825

# Monochromacy



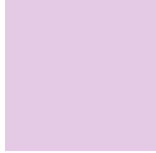
## Original Color

79.1813, 33.3696, -20.8355



## 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 79.1813, 33.3696, -20.8355 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, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 254)  
}
```

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, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 254) }
```

## Border

The CSS property to change the border of an element to HunterLab 79.1813, 33.3696, -20.8355 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, 254) }
```



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

```
.border{ border-color:rgb(255, 184, 254) }
```

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, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
254) }
```

# Background

The CSS property to change the background color of an element to HunterLab 79.1813, 33.3696, -20.8355 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, 254) }
```

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

```
.background{ background-color: rgb(255,  
184, 254) }
```

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