

# Converting Colors

HunterLab(79.7000, 30.3117,  
-15.8601)

Have a look what the booklet for  
HunterLab(79.7000, 30.3117,  
-15.8601) contains.

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# Color

**HunterLab(79.6970, 30.2995,  
-15.8244)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFBBF7
RGB	255, 187, 247
RGB Percent	100%, 73%, 97%
CMY	0.0000, 0.2666, 0.0314
CMYK	0.00, 0.27, 0.03, 0.00
HSL	307°, 100%, 87%
HSV	307°, 27%, 100%
XYZ	75.7989, 63.5161, 96.2605
YIQ	214.1720, 21.2680, 33.0760

# Conversions

## Conversions Part 2

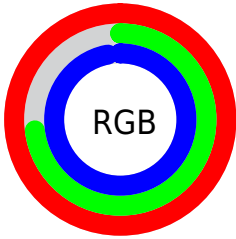
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 187, 247
Decimal	16759799
CIE Lab	83.71, 33.87, -20.03
CIE LCh	84, 39.351, 329.400
Yxy	63.5186, 0.3218, 0.2696
Android (android.graphics.Color)	4294949879 (0xFFFFBBF7)
YUV	214.1720, 16.1842, 35.8062
Hunter-Lab	79.6970, 30.2995, -15.8244

# Details

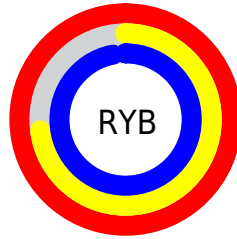
The HunterLab color  $79.6970, 30.2995, -15.8244$  is a light color, and the websafe version is hex  $\text{FFCCFF}$ . A complement of this color would be  $92.7501, -35.0904, 23.5320$ , and the grayscale version is  $82.0042, -4.3755, 4.4554$ .

A 20% lighter version of the original color is  $96.5305, 0.5296, 1.3819$ , and  $56.9271, 28.3643, -15.7613$  is the 20% darker color. If you saturate the color by 10%, you get  $73.1154, 43.9255, -23.5826$ , and if you desaturate by 10%, it is  $86.8922, 16.7291, -7.8776$ .

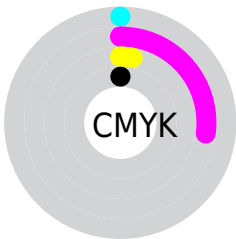
# Distribution



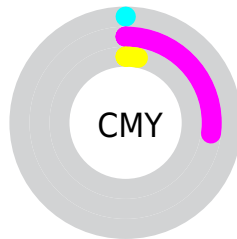
- Red (100%)
- Green (73%)
- Blue (97%)



- Red (100%)
- Yellow (73%)
- Blue (97%)



- Cyan (0%)
- Magenta (27%)
- Yellow (3%)
- Black (0%)



- Cyan (0%)
- Magenta (27%)
- Yellow (3%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 79.6970, 30.2995, -15.8244 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 79.6970, 30.2995, -15.8244 by changing the saturation by 10% instead.





 79.6970, 30.2995,  
-15.8244

 79.6970, 30.2995,  
-15.8244


209.1529, 34.7750,  
-14.9718

 68.0154, 29.4232,  
-15.6609


 104.8415, 31.7772,  
-15.9729

 56.9664, 28.4502,  
-15.4365


118.2486, 32.3986,  
-15.9675

 46.5905, 27.3675,  
-15.1467


132.1829, 32.9485,  
-15.9122

 36.9346, 26.1641,  
-14.7902

146.6253, 33.4316,  
-15.8098

 28.0568, 24.8296,  
-14.3702

161.5584, 33.8524,  
-15.6625

 20.0326, 23.3600,  
-13.9034

176.9667, 34.2144,

 12.9648, 21.7803,

-15.4725

-13.4505

192.8358, 34.5209,  
-15.2417

■ 6.4126, 24.3086,  
-15.3503

0.0000, INF, -NF

■ 79.6970, 30.2995,  
-15.8244

■ 79.6970, 30.2995,  
-15.8244

■ 73.1154, 43.9255,  
-23.5826

■ 86.8922, 16.7291,  
-7.8776

■ 67.2465, 57.3038,  
-30.9335

■ 94.6068, 3.3897,  
0.1169

■ 62.2049, 69.9245,  
-37.5452

100.0000, -5.3358,  
5.4332

■ 58.1001, 81.0786,  
-42.9880

■ 55.0150, 89.9487,  
-46.8032

■ 52.9733, 95.8454,  
-48.6501

■ 51.8997, 98.5453,  
-48.4935

■ 51.6685, 99.0051,  
-48.1720

# Harmonies

## Analogous

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



79.6986, 14.8071, -32.9876



79.6970, 30.2995, -15.8244



79.6986, 36.3847, 3.9675

# Triad

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



79.6986, 30.2965, -15.8229



79.6986, -3.8677, 32.1973



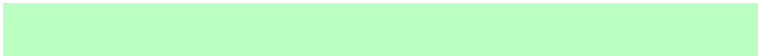
79.6986, -34.1010, -15.0274

# Complementary

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



79.6970, 30.2995, -15.8244



92.7501, -35.0904, 23.5320

# 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.



79.6986, -38.0982, 4.7071



79.6970, 30.2995, -15.8244



79.6986, -21.6818, 29.3882

# Square

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



79.6986, 30.2965, -15.8229



79.6986, 15.5435, 29.1504



79.6986, -33.7715, 20.3084



79.6986, -22.2949, -32.4566



# Rectangle

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



79.6970, 30.2995, -15.8244



79.6986, 33.8864, 15.2040



79.6986, -33.7715, 20.3084



79.6986, -36.3496, -8.3121

# Sweetspot

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



79.6986, 30.2965, -15.8229



93.5491, 5.1549, -0.9505



73.7273, 12.1542, -30.4385



42.7334, 3.3078, -0.9963

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



79.6986, 30.2965, -15.8229



76.1038, 37.5766, -19.9981



78.4926, 24.1691, 1.2041



42.7334, 3.3078, -0.9963



37.3685, 71.6352, -35.0815



11.7030, 22.5024, -11.5124



# Inverse Universe

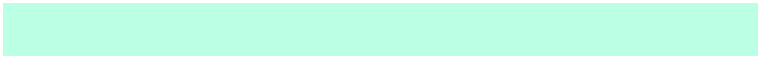
The Inverse Universe completely reimagines the original color for something new.



79.6986, 30.2965, -15.8229



76.1038, 37.5766, -19.9981



93.6691, -29.7850, 10.3054



42.7334, 3.3078, -0.9963



37.3685, 71.6352, -35.0815



11.7030, 22.5024, -11.5124



# Previews

## White Background



This preview shows how the HunterLab color 79.6970, 30.2995, -15.8244 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

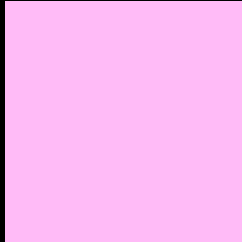
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 79.6970, 30.2995, -15.8244 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

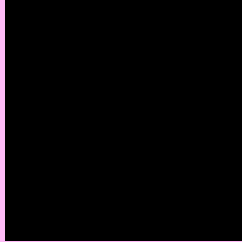
Any Text WCAG AA ✓ Pass

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 79.6970, 30.2995, -15.8244 Background



This preview shows how black text looks on a background with the HunterLab color 79.6970, 30.2995, -15.8244.



This preview shows how white text looks on a background with the HunterLab color 79.6970, 30.2995, -15.8244.

-15.8244.

# 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

79.6970, 30.2995, -15.8244

### Protanopia

79.9071, 2.3502, -20.9182

### Deuteranopia

79.9147, 6.1453, -14.1485



## Tritanopia

79.6938, 17.8269, 4.5414

# Trichromacy



## Original Color

79.6970, 30.2995, -15.8244



## Protanomaly

79.6222, 11.8471, -19.3079



## Deuteranomaly

79.6710, 14.4293, -14.9418



## Tritanomaly

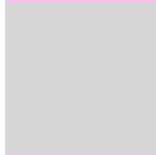
79.5517, 22.5529, -2.6168

# Monochromacy



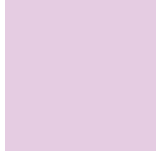
## Original Color

79.6970, 30.2995, -15.8244



## Achromatopsia

82.0026, -4.3755, 4.4554



## Achromatomaly

80.8299, 7.9054, -2.8322

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 79.6970, 30.2995, -15.8244 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, 187, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 247)  
}
```

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, 187, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 247) }
```

## Border

The CSS property to change the border of an element to HunterLab 79.6970, 30.2995, -15.8244 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, 187, 247) }
```



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

```
.border{ border-color:rgb(255, 187, 247) }
```

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

Here you see how a box with a 4 pixel rgb(255, 187, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
247) }
```

# Background

The CSS property to change the background color of an element to HunterLab 79.6970, 30.2995, -15.8244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 247) }
```

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

```
.background{ background-color: rgb(255,  
187, 247) }
```

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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