

# Converting Colors

HunterLab(80.0948, 29.4388,  
-15.2047)

Have a look what the booklet for  
HunterLab(80.0948, 29.4388,  
-15.2047) contains.

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# Color

**HunterLab(80.2313, 29.1844,  
-15.0787)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFBDF7
RGB	255, 189, 247
RGB Percent	100%, 74%, 97%
CMY	0.0000, 0.2588, 0.0314
CMYK	0.00, 0.26, 0.03, 0.00
HSL	307°, 100%, 87%
HSV	307°, 26%, 100%
XYZ	76.2261, 64.3706, 96.4029
YIQ	215.3460, 20.7180, 32.0300

# Conversions

## Conversions Part 2

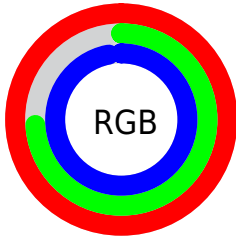
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">255, 189, 247</a>
Decimal	<a href="#">16760311</a>
CIELab	<a href="#">84.16, 32.82, -19.36</a>
CIELCh	<a href="#">84, 38.106, 329.468</a>
Yxy	<a href="#">64.3732, 0.3216, 0.2716</a>
Android (android.graphics.Color)	<a href="#">4294950391 (0xFFFFBDF7)</a>
YUV	<a href="#">215.3460, 15.6054, 34.7766</a>
Hunter-Lab	<a href="#">80.2313, 29.1844, -15.0787</a>

# Details

The HunterLab color  $80.2313, 29.1844, -15.0787$  is a light color, and the websafe version is hex  $FFCCFF$ . A complement of this color would be  $92.9360, -34.2863, 22.9652$ , and the grayscale version is  $82.5137, -4.4027, 4.4831$ .

A 20% lighter version of the original color is  $97.1553, -0.5419, 2.1218$ , and  $57.5285, 27.6469, -14.8666$  is the 20% darker color. If you saturate the color by 10%, you get  $73.5939, 42.7953, -22.7980$ , and if you desaturate by 10%, it is  $87.4743, 15.6461, -7.1779$ .

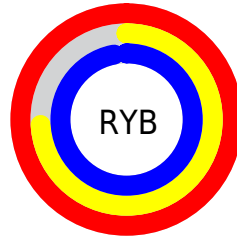
# Distribution



Red (100%)

Green (74%)

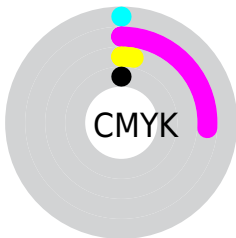
Blue (97%)



Red (100%)

Yellow (74%)

Blue (97%)

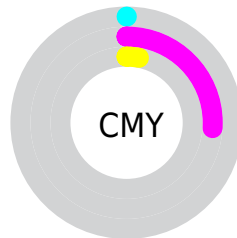


Cyan (0%)

Magenta (26%)

Yellow (3%)

Black (0%)



Cyan (0%)

Magenta (26%)


Yellow (3%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.2313, 29.1844, -15.0787 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 80.2313, 29.1844, -15.0787 by changing the saturation by 10% instead.




 80.2313, 29.1844,  
-15.0787

 80.2313, 29.1844,  
-15.0787


209.8895, 33.3040,  
-14.0213

 68.5222, 28.3540,  
-14.9401


 105.4268, 30.5748,  
-15.1785

 57.4443, 27.4282,  
-14.7407


118.8578, 31.1546,  
-15.1493

 47.0375, 26.3942,  
-14.4758


132.8152, 31.6641,  
-15.0708

 37.3483, 25.2406,  
-14.1430

147.2798, 32.1079,  
-14.9456

 28.4345, 23.9562,  
-13.7442

162.2344, 32.4904,  
-14.7761

 20.3704, 22.5342,  
-13.2921

177.6634, 32.8152,

 13.2572, 20.9918,

-14.5643

-12.8368

193.5528, 33.0854,  
-14.3121

6.7860, 22.4425,  
-14.0960

0.0000, INF, -NF

80.2313, 29.1844,  
-15.0787

80.2313, 29.1844,  
-15.0787

73.5939, 42.7953,  
-22.7980

87.4743, 15.6461,  
-7.1779

67.6600, 56.1894,  
-30.1251

95.2298, 2.3460,  
0.7690

62.5439, 68.8742,  
-36.7377

100.0000, -5.3358,  
5.4332

58.3563, 80.1556,  
-42.2144

■ 55.1836, 89.2183,  
-46.0975

■ 53.0556, 95.3508,  
-48.0337

■ 51.9080, 98.2754,  
-47.9579

■ 51.6206, 98.8369,  
-47.5354

# Harmonies

## Analogous

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



80.2329, 14.2273, -31.5870



80.2313, 29.1844, -15.0787



80.2329, 35.0321, 4.0483

# Triad

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



80.2329, 29.1814, -15.0772



80.2329, -3.9504, 31.6448



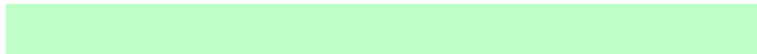
80.2329, -33.3167, -14.3975

# Complementary

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



80.2313, 29.1844, -15.0787



92.9360, -34.2863, 22.9652

# 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.



80.2329, -37.2404, 4.6849



80.2313, 29.1844, -15.0787



80.2329, -21.2581, 28.8516

# Square

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



80.2329, 29.1814, -15.0772



80.2329, 14.8591, 28.6433



80.2329, -33.0313, 19.9065



80.2329, -21.7876, -31.1354



# Rectangle

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



80.2313, 29.1844, -15.0787



80.2329, 32.6046, 14.9750



80.2329, -33.0313, 19.9065



80.2329, -35.5192, -7.9212

# Sweetspot

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



80.2329, 29.1814, -15.0772



93.5466, 5.1416, -0.9154



74.4636, 11.5941, -29.2423



42.7320, 3.3004, -0.9768

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



80.2329, 29.1814, -15.0772



76.7524, 36.1566, -19.0637



79.0748, 23.2802, 1.2797



42.7320, 3.3004, -0.9768



37.3344, 71.5155, -34.6283



11.6935, 22.4690, -11.3863



# Inverse Universe

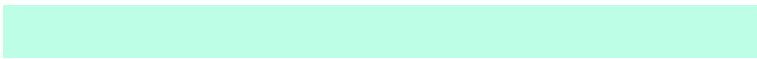
The Inverse Universe completely reimagines the original color for something new.



80.2329, 29.1814, -15.0772



76.7524, 36.1566, -19.0637



93.8275, -29.1470, 10.1380



42.7320, 3.3004, -0.9768



37.3344, 71.5155, -34.6283



11.6935, 22.4690, -11.3863



# Previews

## White Background



This preview shows how the HunterLab color 80.2313, 29.1844, -15.0787 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

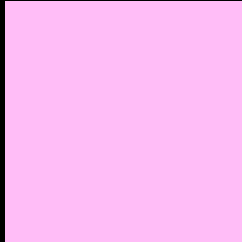
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 80.2313, 29.1844, -15.0787 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 80.2313, 29.1844, -15.0787 Background



This preview shows how black text looks on a background with the HunterLab color 80.2313, 29.1844, -15.0787.



This preview shows how white text looks on a background with the HunterLab color 80.2313, 29.1844, -15.0787.

-15.0787.

# 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

80.2313, 29.1844, -15.0787

### Protanopia

80.3810, 2.4007, -20.2113

### Deuteranopia

80.3999, 6.2406, -13.4646



## Tritanopia

80.3162, 17.0685, 4.2951

# Trichromacy



## Original Color

80.2313, 29.1844, -15.0787



## Protanomaly

80.0108, 11.6245, -18.7393



## Deuteranomaly

80.1638, 14.5528, -14.2408



## Tritanomaly

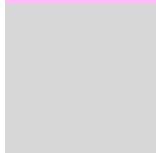
80.1356, 21.6318, -2.4185

# Monochromacy



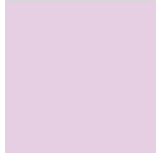
## Original Color

80.2313, 29.1844, -15.0787



## Achromatopsia

82.4344, -4.3985, 4.4788



## Achromatomaly

81.5547, 7.3586, -2.4506

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 80.2313, 29.1844, -15.0787 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, 189, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 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, 189, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 247) }
```

## Border

The CSS property to change the border of an element to HunterLab 80.2313, 29.1844, -15.0787 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, 189, 247) }
```



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

```
.border{ border-color:rgb(255, 189, 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, 189, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
247) }
```

# Background

The CSS property to change the background color of an element to HunterLab 80.2313, 29.1844, -15.0787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 247) }
```

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

```
.background{ background-color: rgb(255,  
189, 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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