

# Converting Colors

HunterLab(67.1002, 18.0056,  
-36.3189)

Have a look what the booklet for  
HunterLab(67.1002, 18.0056,  
-36.3189) contains.

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# Color

**HunterLab(67.1081, 17.6798,  
-36.0830)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9A8F7
RGB	185, 168, 247
RGB Percent	73%, 66%, 97%
CMY	0.2745, 0.3412, 0.0314
CMYK	0.25, 0.32, 0.00, 0.03
HSL	253°, 83%, 81%
HSV	253°, 32%, 97%
XYZ	50.7988, 45.0350, 94.0110
YIQ	182.0890, -15.2270, 28.1730

# Conversions

## Conversions Part 2

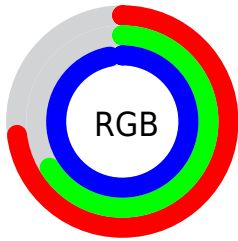
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	185, 168, 247
Decimal	12167415
CIE <sub>Lab</sub>	72.92, 22.51, -37.14
CIE <sub>LCh</sub>	73, 43.431, 301.218
Yxy	45.0368, 0.2676, 0.2372
Android (android.graphics.Color)	4290357495 (0xFFB9A8F7)
YUV	182.0890, 32.0011, 2.5529
Hunter-Lab	67.1081, 17.6798, -36.0830

# Details

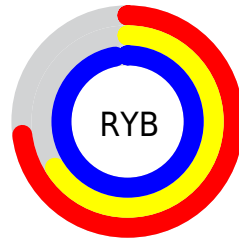
The HunterLab color  $67.1081, 17.6798, -36.0830$  is a light color, and the websafe version is hex  $9999FF$ . A complement of this color would be  $92.8292, -22.1518, 33.1509$ , and the grayscale version is  $68.3082, -3.6448, 3.7113$ .

A 20% lighter version of the original color is  $88.8102, 7.4960, -8.3047$ , and  $45.7759, 16.3859, -34.6033$  is the 20% darker color. If you saturate the color by 10%, you get  $58.7516, 25.7097, -52.1504$ , and if you desaturate by 10%, it is  $75.9057, 10.1459, -21.7837$ .

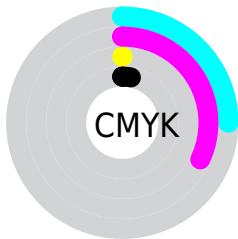
# Distribution



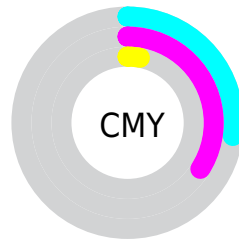
- Red (73%)
- Green (66%)
- Blue (97%)



- Red (73%)
- Yellow (66%)
- Blue (97%)



- Cyan (25%)
- Magenta (32%)
- Yellow (0%)
- Black (3%)



- Cyan (27%)
- Magenta (34%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.1081, 17.6798, -36.0830 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 67.1081, 17.6798, -36.0830 by changing the saturation by 10% instead.



67.1081, 17.6798, -36.0830

67.1081, 17.6798, -36.0830

191.5522, 19.0659, -39.8351

56.1127, 17.1814, -35.4461

90.9811, 18.4261, -37.2463

45.7925, 16.5885, -34.7984

103.7944, 18.6908, -37.7613

36.1963, 15.8875, -34.1766

117.1585, 18.8908, -38.2276

27.3836, 15.0628, -33.6610

131.0515, 19.0309, -38.6448

19.4315, 14.0952, -33.4341

145.4539, 19.1152, -39.0131

12.4458, 12.9666, -33.9801

160.3485, 19.1471,

5.6818, 16.9627,

-39.3335

-44.2297

175.7193, 19.1298,  
-39.6071

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 67.1081, 17.6798,  
-36.0830

■ 67.1081, 17.6798,  
-36.0830

■ 58.7516, 25.7097,  
-52.1504

■ 75.9057, 10.1459,  
-21.7837

■ 50.9385, 34.3254,  
-70.4347

■ 85.0651, 3.0092,  
-8.8638

■ 43.8225, 43.5230,  
-91.2905

■ 94.5327, -3.8214,  
2.9932

■ 37.6183, 53.0243,  
-114.5823

■ 99.7474, -6.7213,  
9.0410

■ 32.6084, 61.9418,

-138.8213

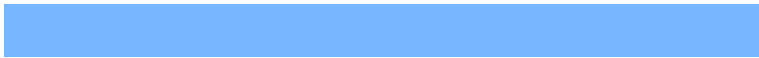
■ 29.0911, 68.5441,  
-160.2185

■ 27.3431, 71.3852,  
-172.7103

# Harmonies

## Analogous

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



67.1094, -2.7593, -44.5706



67.1081, 17.6798, -36.0830



67.1094, 33.8218, -16.6033

# Triad

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



67.1094, 17.6789, -36.0813



67.1094, 16.0872, 28.5750



67.1094, -38.0638, 2.8652

# Complementary

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



67.1081, 17.6798, -36.0830



92.8292, -22.1518, 33.1509

# 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.



67.1094, -34.2516, 19.0729



67.1081, 17.6798, -36.0830



67.1094, -4.4055, 31.0232

# Square

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



67.1094, 17.6789, -36.0813



67.1094, 32.8292, 20.0722



67.1094, -22.4910, 28.1290



67.1094, -33.5821, -18.3708



# Rectangle

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



67.1081, 17.6798, -36.0830



67.1094, 39.1128, -2.2150



67.1094, -22.4910, 28.1290



67.1094, -37.7135, 9.0347

# Sweetspot

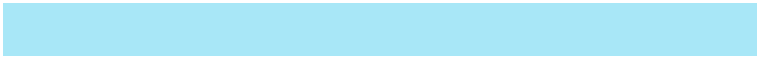
The Sweet Spot groups the original color and five complimentary colors.



67.1094, 17.6789, -36.0813



90.1087, 1.7055, -6.6959



85.0326, -19.5591, -9.3024



41.0563, 1.2572, -3.9225

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



67.1094, 17.6789, -36.0813



64.2541, 23.3269, -47.2972



71.0338, 29.7722, -29.1564



40.1230, 0.5854, -2.6666



20.0096, 52.0157, -124.6556



6.2838, 15.7285, -34.4456



# Inverse Universe

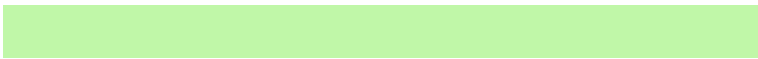
The Inverse Universe completely reimagines the original color for something new.



73.1397, 34.6538, -15.0128



71.9005, 43.8756, -19.2084



89.7313, -33.7102, 30.2227



40.8701, 2.9518, -0.4343



35.4064, 66.5038, -22.6197

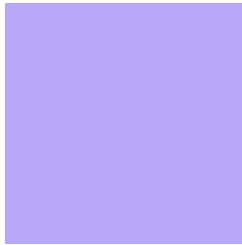


10.5671, 19.9653, -7.6586



# Previews

## White Background



This preview shows how the HunterLab color 67.1081, 17.6798, -36.0830 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

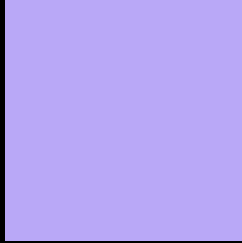
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 67.1081, 17.6798, -36.0830 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

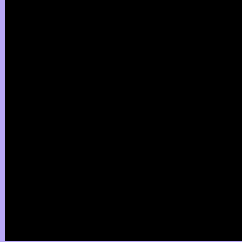
Any Text WCAG AA ✓ Pass

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 67.1081, 17.6798, -36.0830 Background



This preview shows how black text looks on a background with the HunterLab color 67.1081, 17.6798, -36.0830.



This preview shows how white text looks on a background with the HunterLab color 67.1081, 17.6798, -36.0830.

-36.0830.

# 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

67.1081, 17.6798, -36.0830

### Protanopia

67.2123, 7.0194, -41.1749

### Deuteranopia

67.3097, 5.0029, -34.5301



## Tritanopia

67.2342, -2.3711, -3.1029

# Trichromacy



## Original Color

67.1081, 17.6798, -36.0830

## Protanomaly

67.0516, 10.6603, -39.1986

## Deuteranomaly

67.2687, 9.4348, -35.2316

## Tritanomaly

67.1176, 4.6971, -14.1693

# Monochromacy



## Original Color

67.1081, 17.6798, -36.0830

## Achromatopsia

68.3947, -3.6494, 3.7160

## Achromatomaly

67.7996, 3.4876, -9.2248

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 67.1081, 17.6798, -36.0830 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(185, 168, 247)` looks like.

```
.text, #text, p{  
    color:rgb(185, 168, 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(185, 168, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 168, 247) }
```

## Border

The CSS property to change the border of an element to HunterLab 67.1081, 17.6798, -36.0830 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(185, 168, 247) }
```



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

```
.border{ border-color:rgb(185, 168, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 168, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 168, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 168, 247);  
box-shadow:4px 4px 4px 4px rgb(185, 168,  
247) }
```

# Background

The CSS property to change the background color of an element to HunterLab 67.1081, 17.6798, -36.0830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 168, 247) }
```

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

```
.background{ background-color: rgb(185,  
168, 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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