

# Converting Colors

HunterLab(66.5602, 16.8136,  
-32.8209)

Have a look what the booklet for  
HunterLab(66.5602, 16.8136,  
-32.8209) contains.

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# Color

**HunterLab(66.5602, 16.8136,  
-32.8209)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9A7F1
RGB	185, 167, 241
RGB Percent	73%, 65%, 95%
CMY	0.2745, 0.3451, 0.0549
CMYK	0.23, 0.31, 0.00, 0.05
HSL	255°, 73%, 80%
HSV	255°, 31%, 95%
XYZ	49.7035, 44.3026, 89.1507
YIQ	180.8180, -13.0260, 26.8300

# Conversions

## Conversions Part 2

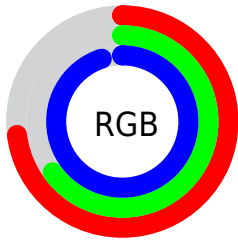
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	185, 167, 241
Decimal	12167153
CIE <sub>Lab</sub>	72.43, 21.66, -34.64
CIE <sub>LCh</sub>	72, 40.853, 302.021
Yxy	44.3044, 0.2714, 0.2419
Android (android.graphics.Color)	4290357233 (0xFFB9A7F1)
YUV	180.8180, 29.6697, 3.6676
Hunter-Lab	66.5602, 16.8136, -32.8209

# Details

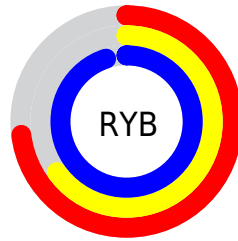
The HunterLab color  $66.5602, 16.8136, -32.8209$  is a light color, and the websafe version is hex  $9999CC$ . A complement of this color would be  $90.2162, -21.6273, 31.1843$ , and the grayscale version is  $67.7852, -3.6168, 3.6829$ .

A 20% lighter version of the original color is  $88.5098, 8.0377, -8.6948$ , and  $45.3757, 15.9789, -31.7337$  is the 20% darker color. If you saturate the color by 10%, you get  $58.4438, 24.6931, -47.9797$ , and if you desaturate by 10%, it is  $75.0921, 9.3716, -19.2720$ .

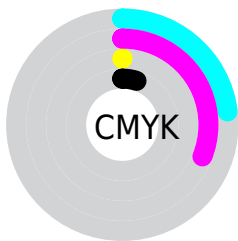
# Distribution



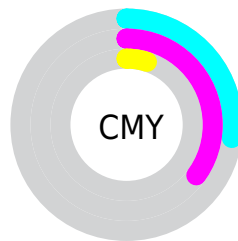
- Red (73%)
- Green (65%)
- Blue (95%)



- Red (73%)
- Yellow (65%)
- Blue (95%)



- Cyan (23%)
- Magenta (31%)
- Yellow (0%)
- Black (5%)




- Cyan (27%)
- Magenta (35%)
- Yellow (5%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.5602, 16.8136, -32.8209 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 66.5602, 16.8136, -32.8209 by changing the saturation by 10% instead.





 66.5602, 16.8136,  
-32.8209


 66.5602, 16.8136,  
-32.8209


190.7744, 17.9362,  
-36.0744

 55.5966, 16.3488,  
-32.2214

 90.3745, 17.4955,  
-33.8885

 45.3103, 15.7905,  
-31.5987


 103.1606, 17.7295,  
-34.3497

 35.7506, 15.1252,  
-30.9819


116.4985, 17.8996,  
-34.7599

 26.9777, 14.3368,  
-30.4373

130.3663, 18.0106,  
-35.1195

 19.0697, 13.4057,  
-30.1186

144.7445, 18.0665,  
-35.4295

 12.1342, 12.3119,  
-30.4419

159.6156, 18.0708,

 5.1882, 17.9161,

-35.6909

-41.9348

174.9637, 18.0265,  
-35.9054

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 66.5602, 16.8136,  
-32.8209

■ 66.5602, 16.8136,  
-32.8209

■ 58.4438, 24.6931,  
-47.9797

■ 75.0921, 9.3716,  
-19.2720

■ 50.8360, 33.0861,  
-65.1552

■ 83.9662, 2.2827,  
-6.9835

■ 43.8756, 41.9846,  
-84.6857

■ 93.1332, -4.5329,  
4.3298

■ 37.7560, 51.1459,  
-106.5234

■ 99.5645, -7.7267,  
11.6590

■ 32.7326, 59.8051,

-129.5230

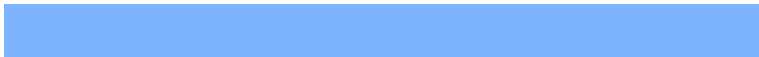
■ 29.0851, 66.4365,  
-150.5588

■ 26.9614, 69.7272,  
-165.1719

# Harmonies

## Analogous

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



66.5615, -2.2696, -40.9649



66.5602, 16.8136, -32.8209



66.5615, 31.6421, -14.7039

# Triad

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



66.5615, 16.8126, -32.8193



66.5615, 14.3505, 27.4782



66.5615, -36.0947, 2.3933

# Complementary

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



66.5602, 16.8136, -32.8209



90.2162, -21.6273, 31.1843

# 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.



66.5615, -32.6821, 17.8761



66.5602, 16.8136, -32.8209



66.5615, -4.8309, 29.7240

# Square

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



66.5615, 16.8126, -32.8193



66.5615, 30.1128, 19.4590



66.5615, -21.7346, 26.7594



66.5615, -31.6280, -17.4169



# Rectangle

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



66.5602, 16.8136, -32.8209



66.5615, 36.3553, -1.3519



66.5615, -21.7346, 26.7594



66.5615, -35.8322, 8.2415

# Sweetspot

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



66.5615, 16.8126, -32.8193



91.1455, 1.1970, -5.3579



82.3018, -17.3696, -9.5415



41.5162, 1.0516, -3.3188

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



66.5615, 16.8126, -32.8193



65.3671, 23.2506, -45.1263



70.2880, 28.3464, -26.3910



39.2611, 0.6602, -2.5581



19.9853, 51.4572, -120.6645



6.1405, 15.1815, -32.1996



# Inverse Universe

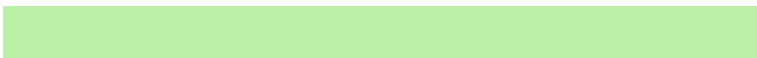
The Inverse Universe completely reimagines the original color for something new.



71.8802, 31.6880, -12.7383



72.4270, 42.0659, -17.1617



87.3115, -32.4613, 28.4054



39.9523, 2.8213, -0.2779



34.6459, 64.7074, -19.2809



10.0701, 18.9379, -6.6127



# Previews

## White Background



This preview shows how the HunterLab color 66.5602, 16.8136, -32.8209 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

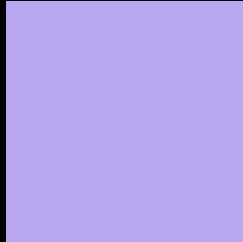
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 66.5602, 16.8136, -32.8209 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

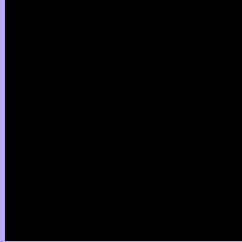
Any Text WCAG AA ✓ Pass

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 66.5602, 16.8136, -32.8209 Background



This preview shows how black text looks on a background with the HunterLab color 66.5602, 16.8136, -32.8209.



This preview shows how white text looks on a background with the HunterLab color 66.5602, 16.8136, -32.8209.

-32.8209.

# 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

66.5602, 16.8136, -32.8209

### Protanopia

66.6658, 6.0431, -37.0751

### Deuteranopia

66.6074, 5.1227, -31.5572



## Tritanopia

66.6603, -1.4301, -2.7897

# Trichromacy



## Original Color

66.5602, 16.8136, -32.8209

## Protanomaly

66.5681, 9.9914, -35.7475

## Deuteranomaly

66.5066, 9.3370, -32.3482

## Tritanomaly

66.3885, 4.9271, -12.8773

# Monochromacy



## Original Color

66.5602, 16.8136, -32.8209

## Achromatopsia

67.9762, -3.6270, 3.6933

## Achromatomaly

67.3109, 3.1214, -8.2360

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 66.5602, 16.8136, -32.8209 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, 167, 241)` looks like.

```
.text, #text, p{  
    color:rgb(185, 167, 241)  
}
```

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, 167, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 167, 241) }
```

## Border

The CSS property to change the border of an element to HunterLab 66.5602, 16.8136, -32.8209 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, 167, 241) }
```



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

```
.border{ border-color:rgb(185, 167, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 167, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 167, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 167, 241);  
box-shadow:4px 4px 4px 4px rgb(185, 167,  
241) }
```

# Background

The CSS property to change the background color of an element to HunterLab 66.5602, 16.8136, -32.8209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 167, 241) }
```

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

```
.background{ background-color: rgb(185,  
167, 241) }
```

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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