

# Converting Colors

HunterLab(66.0175, 35.3022,  
-43.6690)

Have a look what the booklet for  
HunterLab(66.0175, 35.3022,  
-43.6690) contains.

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# Color

**HunterLab(65.9983, 35.2466,  
-43.7066)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D199FF
RGB	209, 153, 255
RGB Percent	82%, 60%, 100%
CMY	0.1804, 0.4000, 0.0000
CMYK	0.18, 0.40, 0.00, 0.00
HSL	273°, 100%, 80%
HSV	273°, 40%, 100%
XYZ	55.7357, 43.5578, 100.0777
YIQ	181.3720, 0.6340, 43.5940

# Conversions

## Conversions Part 2

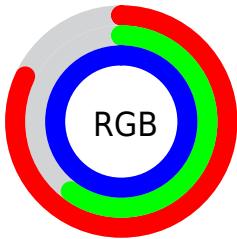
Format	Color
R <sub>Y</sub> B	209, 153, 255
Decimal	13736447
CIE Lab	71.93, 39.49, -42.85
CIE LCh	72, 58.269, 312.663
Yxy	43.5595, 0.2796, 0.2185
Android (android.graphics.Color)	4291926527 (0xFFD199FF)
YUV	181.3720, 36.2986, 24.2298
Hunter-Lab	65.9983, 35.2466, -43.7066

# Details

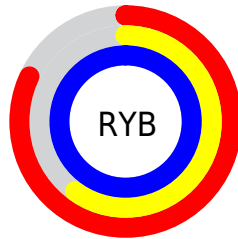
The HunterLab color  $65.9983, 35.2466, -43.7066$  is a light color, and the websafe version is hex  $CC99FF$ . A complement of this color would be  $92.7159, -36.9898, 37.2104$ , and the grayscale version is  $67.9859, -3.6276, 3.6938$ .

A 20% lighter version of the original color is  $85.7856, 20.1774, -12.1734$ , and  $44.8964, 32.6890, -42.3170$  is the 20% darker color. If you saturate the color by 10%, you get  $58.7091, 45.8212, -58.5654$ , and if you desaturate by 10%, it is  $73.8620, 24.7761, -29.9958$ .

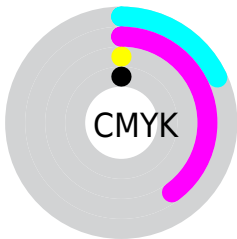
# Distribution



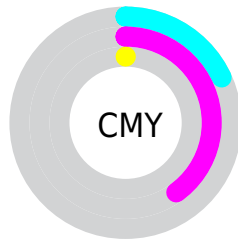
- Red (82%)
- Green (60%)
- Blue (100%)



- Red (82%)
- Yellow (60%)
- Blue (100%)



- Cyan (18%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (40%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.9983, 35.2466, -43.7066 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 65.9983, 35.2466, -43.7066 by changing the saturation by 10% instead.



65.9983, 35.2466,  
-43.7066

65.9983, 35.2466,  
-43.7066

189.9757, 42.2443,  
-48.5585

55.0675, 34.0310,  
-43.0093

89.7521, 37.3642,  
-45.0603

44.8162, 32.7022,  
-42.3450

102.5100, 38.2850,  
-45.6914

35.2942, 31.2507,  
-41.7781

115.8210, 39.1225,  
-46.2818

26.5623, 29.6735,  
-41.4441

129.6629, 39.8826,  
-46.8282

18.6999, 27.9858,  
-41.6484

144.0160, 40.5706,  
-47.3292

11.8166, 26.2704,  
-43.2043

158.8629, 41.1909,

4.6260, 38.6374,

-47.7843

-66.7827

174.1876, 41.7476,  
-48.1939

0.0000, INF, -NF

0.0000, NaN, -NF

■ 65.9983, 35.2466,  
-43.7066

■ 65.9983, 35.2466,  
-43.7066

■ 58.7091, 45.8212,  
-58.5654

■ 73.8620, 24.7761,  
-29.9958

■ 52.1181, 56.2431,  
-74.5269

■ 82.1972, 14.5154,  
-17.3382

■ 46.3845, 65.9742,  
-91.1936

■ 90.9297, 4.4831,  
-5.5793

■ 41.6832, 74.1041,  
-107.5874

100.0000, -5.3358,  
5.4332

■ 38.1636, 79.4458,

-122.0732

■ 35.7713, 81.4420,  
-133.3421

■ 35.7709, 81.4422,  
-133.3438

# Harmonies

## Analogous

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



65.9996, 8.1816, -64.5590



65.9983, 35.2466, -43.7066



65.9996, 53.3595, -12.7873

# Triad

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



65.9996, 35.2451, -43.7041



65.9996, 12.5797, 35.3865



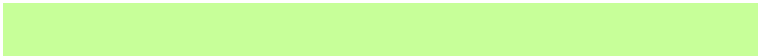
65.9996, -46.7318, -8.1096

# Complementary

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



65.9983, 35.2466, -43.7066



92.7159, -36.9898, 37.2104

# 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.



65.9996, -45.9412, 16.6191



65.9983, 35.2466, -43.7066



65.9996, -14.4688, 35.7969

# Square

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



65.9996, 35.2451, -43.7041



65.9996, 38.9053, 28.9663



65.9996, -35.0031, 30.4697



65.9996, -37.3694, -39.1236



# Rectangle

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



65.9983, 35.2466, -43.7066



65.9996, 56.3894, 5.8345



65.9996, -35.0031, 30.4697



65.9996, -47.5955, 1.2690

# Sweetspot

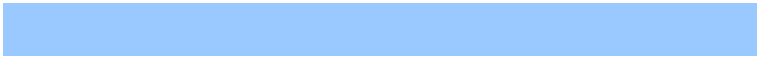
The Sweet Spot groups the original color and five complimentary colors.



65.9996, 35.2451, -43.7041



89.1530, 6.4734, -7.8686



74.5525, -6.0079, -29.4058



40.7133, 3.5980, -4.3393

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



65.9996, 35.2451, -43.7041



60.1146, 43.7085, -55.5024



71.4470, 50.2006, -31.2455



42.2720, 1.8475, -2.3220



26.0306, 59.0708, -95.5231



8.5127, 18.8931, -27.9477



# Inverse Universe

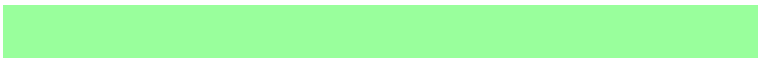
The Inverse Universe completely reimagines the original color for something new.



69.4027, 40.4257, -2.6871



64.4577, 49.5561, -3.0722



89.8369, -48.0670, 33.6392



42.5714, 2.4403, 1.3053



34.3289, 60.7581, 6.9203

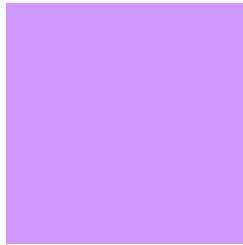


10.8125, 19.3257, 0.7156



# Previews

## White Background



This preview shows how the HunterLab color 65.9983, 35.2466, -43.7066 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

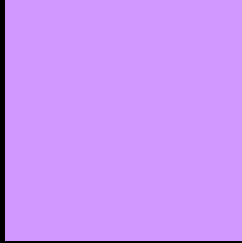
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 65.9983, 35.2466, -43.7066 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

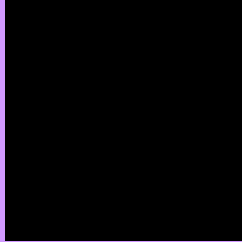
Any Text WCAG AA ✓ Pass

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 65.9983, 35.2466, -43.7066 Background



This preview shows how black text looks on a background with the HunterLab color 65.9983, 35.2466, -43.7066.



This preview shows how white text looks on a background with the HunterLab color 65.9983, 35.2466, -43.7066.

-43.7066.

# 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

65.9983, 35.2466, -43.7066

### Protanopia

66.2432, 6.8962, -43.7377

### Deuteranopia

66.3435, 5.3420, -40.5895



## Tritanopia

66.0482, 7.8081, 1.1077

# Trichromacy



## Original Color

65.9983, 35.2466, -43.7066



## Protanomaly

65.6889, 16.7838, -44.6207



## Deuteranomaly

65.8207, 15.4846, -42.1283

## Tritanomaly

65.7384, 17.1749, -13.5962

# Monochromacy



## Original Color

65.9983, 35.2466, -43.7066



## Achromatopsia

67.9762, -3.6270, 3.6933



## Achromatomaly

66.9001, 9.4860, -11.4967

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 65.9983, 35.2466, -43.7066 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(209, 153, 255)` looks like.

```
.text, #text, p{  
    color:rgb(209, 153, 255)  
}
```

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(209, 153, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 153, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 65.9983, 35.2466, -43.7066 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(209, 153, 255) }
```



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

```
.border{ border-color:rgb(209, 153, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 153, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 153, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 153, 255);  
box-shadow:4px 4px 4px 4px rgb(209, 153,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 65.9983, 35.2466, -43.7066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 153, 255) }
```

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

```
.background{ background-color: rgb(209,  
153, 255) }
```

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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