

# Converting Colors

HunterLab(66.0092, 38.4935,  
-43.6291)

Have a look what the booklet for  
HunterLab(66.0092, 38.4935,  
-43.6291) contains.

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# Color

**HunterLab(65.9392, 38.8554,  
-43.7560)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D796FF
RGB	215, 150, 255
RGB Percent	84%, 59%, 100%
CMY	0.1569, 0.4117, 0.0000
CMYK	0.16, 0.41, 0.00, 0.00
HSL	277°, 100%, 79%
HSV	277°, 41%, 100%
XYZ	56.9807, 43.4798, 99.9970
YIQ	181.4050, 5.0350, 46.4350

# Conversions

## Conversions Part 2

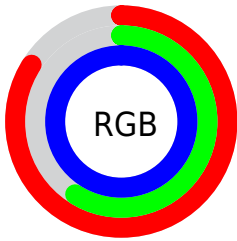
Format	Color
R <sub>Y</sub> B	215, 150, 255
Decimal	14128895
CIE Lab	71.88, 42.81, -42.89
CIE LCh	72, 60.594, 314.947
Yxy	43.4815, 0.2843, 0.2169
Android (android.graphics.Color)	4292318975 (0xFFD796FF)
YUV	181.4050, 36.2823, 29.4628
Hunter-Lab	65.9392, 38.8554, -43.7560

# Details

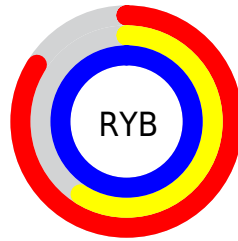
The HunterLab color  $65.9392, 38.8554, -43.7560$  is a light color, and the websafe version is hex  $CC99FF$ . A complement of this color would be  $92.0160, -39.7837, 37.4102$ , and the grayscale version is  $67.9985, -3.6282, 3.6945$ .

A 20% lighter version of the original color is  $84.9368, 21.8420, -13.3207$ , and  $44.8126, 35.7432, -42.4472$  is the 20% darker color. If you saturate the color by 10%, you get  $58.9765, 49.8707, -57.8966$ , and if you desaturate by 10%, it is  $73.5110, 27.8328, -30.5211$ .

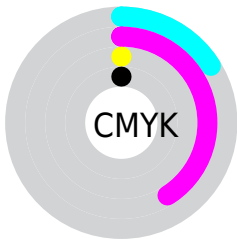
# Distribution



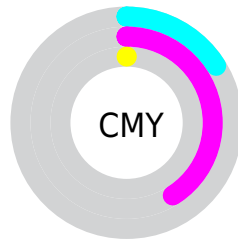
- Red (84%)
- Green (59%)
- Blue (100%)



- Red (84%)
- Yellow (59%)
- Blue (100%)



- Cyan (16%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)




- Cyan (16%)
- Magenta (41%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.9392, 38.8554, -43.7560 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 65.9392, 38.8554, -43.7560 by changing the saturation by 10% instead.





 65.9392, 38.8554,  
-43.7560


 65.9392, 38.8554,  
-43.7560


189.8916, 46.8873,  
-48.6163

 55.0119, 37.5134,  
-43.0585


 89.6867, 41.2199,  
-45.1109

 44.7642, 36.0579,  
-42.3946


 102.4416, 42.2607,  
-45.7430

 35.2462, 34.4819,  
-41.8290


115.7497, 43.2156,  
-46.3343

 26.5187, 32.7878,  
-41.4983

129.5889, 44.0905,  
-46.8817

 18.6611, 31.0036,  
-41.7100

143.9394, 44.8908,  
-47.3837

 11.7833, 29.2471,  
-43.2842

158.7838, 45.6210,

 4.5628, 43.2611,

-47.8399

-67.6467

174.1060, 46.2853,  
-48.2506

0.0000, INF, -NF

0.0000, NaN, -NF

■ 65.9392, 38.8554,  
-43.7560

■ 65.9392, 38.8554,  
-43.7560

■ 58.9765, 49.8707,  
-57.8966

■ 73.5110, 27.8328,  
-30.5211

■ 52.7478, 60.5367,  
-72.7791

■ 81.5847, 16.9679,  
-18.1850

■ 47.4060, 70.2200,  
-87.8840

■ 90.0813, 6.3150,  
-6.6510

■ 43.1062, 77.9641,  
-102.2006


■ 98.9382, -4.1228,  
4.1982

■ 39.9588, 82.6829,

100.0000, -5.3358,

-114.3069

5.4332

 38.0458, 84.1312,  
-122.5187

# Harmonies

## Analogous

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



65.9405, 10.9049, -67.2756



65.9392, 38.8554, -43.7560



65.9405, 56.7452, -11.0998

# Triad

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



65.9405, 38.8538, -43.7535



65.9405, 11.0086, 36.3139



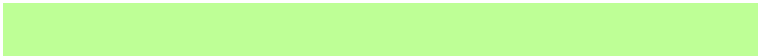
65.9405, -47.7895, -10.9891

# Complementary

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



65.9392, 38.8554, -43.7560



92.0160, -39.7837, 37.4102

# 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.



65.9405, -47.7712, 15.5233



65.9392, 38.8554, -43.7560



65.9405, -16.8061, 36.3231

# Square

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



65.9405, 38.8538, -43.7535



65.9405, 38.9405, 30.4359



65.9405, -37.3253, 30.4701



65.9405, -37.3804, -43.6439



# Rectangle

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



65.9392, 38.8554, -43.7560



65.9405, 58.9432, 7.8435



65.9405, -37.3253, 30.4701



65.9405, -48.9384, -0.9686

# Sweetspot

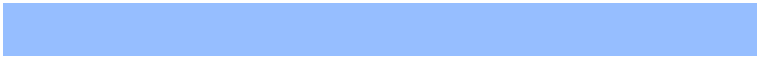
The Sweet Spot groups the original color and five complimentary colors.



65.9405, 38.8538, -43.7535



89.3657, 7.1857, -7.5753



71.1624, -1.3827, -34.9981



40.8230, 3.9636, -4.1860

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



65.9405, 38.8538, -43.7535



60.4333, 47.4889, -54.7479



70.3776, 50.0369, -27.0266



42.3492, 2.1083, -2.2181



27.6620, 61.0098, -87.8437



8.9877, 19.4786, -25.8729



# Inverse Universe

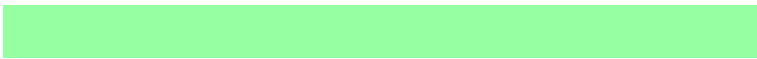
The Inverse Universe completely reimagines the original color for something new.



68.4046, 40.6220, 0.6367



63.5915, 49.3580, 0.9506



89.7898, -48.0268, 31.8378



42.5460, 2.3034, 1.6684



34.0411, 59.7038, 11.0862

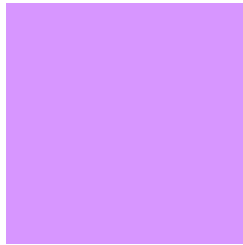


10.7181, 18.9814, 2.0699



# Previews

## White Background



This preview shows how the HunterLab color 65.9392, 38.8554, -43.7560 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

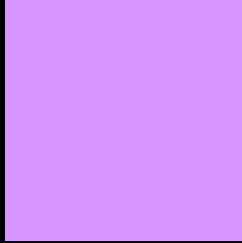
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 65.9392, 38.8554, -43.7560 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

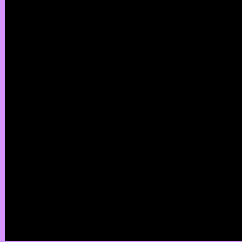
Any Text WCAG AA ✓ Pass

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 65.9392, 38.8554, -43.7560 Background



This preview shows how black text looks on a background with the HunterLab color 65.9392, 38.8554, -43.7560.



This preview shows how white text looks on a background with the HunterLab color 65.9392, 38.8554, -43.7560.

-43.7560.

# 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

65.9392, 38.8554, -43.7560

### Protanopia

66.2432, 6.8962, -43.7377

### Deuteranopia

66.2960, 5.0884, -39.9443



## Tritanopia

65.7447, 10.9292, 2.2421

# Trichromacy



## Original Color

65.9392, 38.8554, -43.7560



## Protanomaly

65.5854, 17.8747, -44.8001



## Deuteranomaly

65.7153, 16.5755, -42.3073



## Tritanomaly

65.5073, 20.4226, -12.7060

# Monochromacy



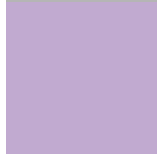
## Original Color

65.9392, 38.8554, -43.7560



## Achromatopsia

67.9762, -3.6270, 3.6933



## Achromatomaly

66.8139, 10.6505, -11.5977

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 65.9392, 38.8554, -43.7560 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(215, 150, 255)` looks like.

```
.text, #text, p{  
    color:rgb(215, 150, 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(215, 150, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 150, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 65.9392, 38.8554, -43.7560 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(215, 150, 255) }
```



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

```
.border{ border-color:rgb(215, 150, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 150, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 150, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 150, 255);  
box-shadow:4px 4px 4px 4px rgb(215, 150,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 65.9392, 38.8554, -43.7560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 150, 255) }
```

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

```
.background{ background-color: rgb(215,  
150, 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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