

# Converting Colors

HunterLab(63.8968, 41.7992,  
-86.5698)

Have a look what the booklet for  
HunterLab(63.8968, 41.7992,  
-86.5698) contains.

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# Color

**HunterLab(61.3768, 29.4945,  
-53.0546)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B393FF
RGB	179, 147, 255
RGB Percent	70%, 58%, 100%
CMY	0.2980, 0.4235, 0.0000
CMYK	0.30, 0.42, 0.00, 0.00
HSL	258°, 100%, 79%
HSV	258°, 42%, 100%
XYZ	47.0741, 37.6711, 99.3979
YIQ	168.8800, -15.5960, 40.3720

# Conversions

## Conversions Part 2

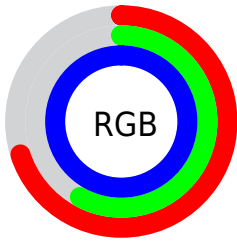
<b>Format</b>	<b>Color</b>
<b>RYB</b>	179, 147, 255
Decimal	11768831
CIELab	67.78, 34.48, -49.57
CIELCh	68, 60.385, 304.826
Yxy	37.6725, 0.2556, 0.2046
Android (android.graphics.Color)	4289958911 (0xFFB393FF)
YUV	168.8800, 42.4572, 8.8752
Hunter-Lab	61.3768, 29.4945, -53.0546

# Details

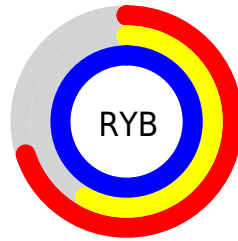
The HunterLab color  $61.3768, 29.4945, -53.0546$  is a light color, and the websafe version is hex  $CC99FF$ . A complement of this color would be  $94.5064, -30.4190, 40.3834$ , and the grayscale version is  $62.7750, -3.3495, 3.4107$ .

A 20% lighter version of the original color is  $81.8522, 17.8333, -17.7804$ , and  $40.8092, 27.1929, -51.9980$  is the 20% darker color. If you saturate the color by 10%, you get  $53.4795, 38.7803, -71.2541$ , and if you desaturate by 10%, it is  $69.8428, 20.6683, -36.9145$ .

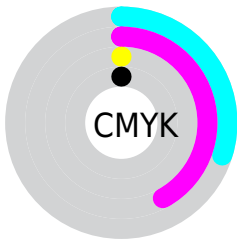
# Distribution



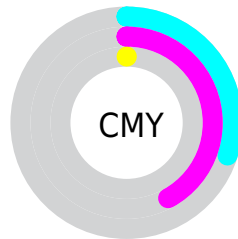
- Red (70%)
- Green (58%)
- Blue (100%)



- Red (70%)
- Yellow (58%)
- Blue (100%)



- Cyan (30%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (42%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.3768, 29.4945, -53.0546 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 61.3768, 29.4945, -53.0546 by changing the saturation by 10% instead.



61.3768, 29.4945,  
-53.0546

61.3768, 29.4945,  
-53.0546

183.3611, 35.1805,  
-59.0263

50.7234, 28.4318,  
-52.3753

84.6203, 31.3087,  
-54.5350

40.7685, 27.2533,  
-51.8285

97.1412, 32.0794,  
-55.2755

31.5665, 25.9477,  
-51.5511

110.2252, 32.7685,  
-55.9928

23.1849, 24.5079,  
-51.8311

123.8491, 33.3823,  
-56.6784

15.7136, 22.9443,  
-53.3485

137.9921, 33.9261,  
-57.3269

9.2797, 21.3517,  
-58.1034

152.6359, 34.4044,

0.0000, INF, -NF

-57.9353

0.0000, NaN, -NF

167.7639, 34.8214,  
-58.5021

0.0000, NaN, -NF

■ 61.3768, 29.4945,  
-53.0546

■ 61.3768, 29.4945,  
-53.0546

■ 53.4795, 38.7803,  
-71.2541

■ 69.8428, 20.6683,  
-36.9145

■ 46.2993, 48.4420,  
-91.7755

■ 78.7656, 12.2682,  
-22.4652

■ 40.0454, 58.0904,  
-114.3804

■ 88.0685, 4.2223,  
-9.3511

■ 34.9812, 66.7553,  
-137.6275

■ 97.6943, -3.5431,  
2.7199

■ 31.3701, 72.7804,  
-158.2062

100.0000, -5.3358,  
5.4332

■ 29.5609, 75.0474,  
-170.2247

# Harmonies

## Analogous

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



61.3779, 1.1783, -69.6673



61.3768, 29.4945, -53.0546



61.3779, 51.5143, -21.7791

# Triad

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



61.3779, 29.4938, -53.0523



61.3779, 20.5609, 33.4450



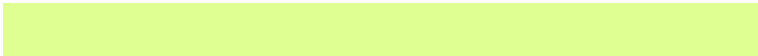
61.3779, -47.1402, -0.9881

# Complementary

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



61.3768, 29.4945, -53.0546



94.5064, -30.4190, 40.3834

# 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.



61.3779, -43.7615, 20.9432



61.3768, 29.4945, -53.0546



61.3779, -7.6112, 35.0953

# Square

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



61.3779, 29.4938, -53.0523



61.3779, 45.7600, 25.4839



61.3779, -30.3526, 31.7363



61.3779, -40.5437, -32.3521



# Rectangle

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



61.3768, 29.4945, -53.0546



61.3779, 57.8928, -1.3119



61.3779, -30.3526, 31.7363



61.3779, -47.1209, 7.6559

# Sweetspot

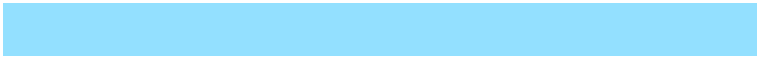
The Sweet Spot groups the original color and five complimentary colors.



61.3779, 29.4938, -53.0523



87.4551, 4.7346, -10.1668



81.8232, -19.1777, -18.4705



39.4993, 3.0017, -6.0041

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



61.3779, 29.4938, -53.0523



54.5091, 37.4991, -68.6610



67.2142, 46.0544, -41.2307



41.9982, 0.9187, -2.6922



21.5238, 54.3873, -121.9585



7.1040, 17.3363, -35.4908



# Inverse Universe

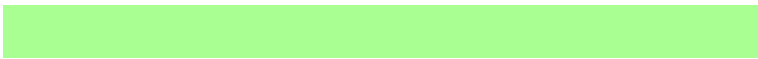
The Inverse Universe completely reimagines the original color for something new.



68.8884, 47.8530, -16.7984



63.9504, 58.4135, -20.0956



90.6739, -45.1086, 37.0327



42.6653, 2.9434, -0.0295



35.8417, 66.2276, -14.4173

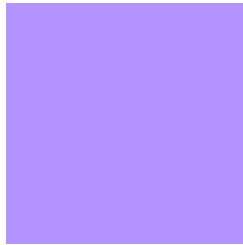


11.2695, 20.9710, -5.6760



# Previews

## White Background



This preview shows how the HunterLab color 61.3768, 29.4945, -53.0546 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

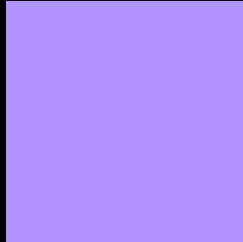
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 61.3768, 29.4945, -53.0546 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 61.3768, 29.4945, -53.0546 Background



This preview shows how black text looks on a background with the HunterLab color 61.3768, 29.4945, -53.0546.



This preview shows how white text looks on a background with the HunterLab color 61.3768, 29.4945, -53.0546.

-53.0546.

# 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

61.3768, 29.4945, -53.0546

### Protanopia

61.5516, 9.2432, -53.0420

### Deuteranopia

61.7141, 4.9073, -49.5681



## Tritanopia

61.3333, -1.0449, -2.4342

# Trichromacy



## Original Color

61.3768, 29.4945, -53.0546

## Protanomaly

61.3432, 15.7939, -53.3653

## Deuteranomaly

61.0914, 13.2518, -51.5035

## Tritanomaly

61.0709, 8.8950, -18.2860

# Monochromacy



## Original Color

61.3768, 29.4945, -53.0546

## Achromatopsia

62.9885, -3.3609, 3.4223

## Achromatomaly

62.0839, 7.5198, -13.7971

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 61.3768, 29.4945, -53.0546 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(179, 147, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 147, 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(179, 147, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 147, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 61.3768, 29.4945, -53.0546 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(179, 147, 255) }
```



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

```
.border{ border-color:rgb(179, 147, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 147, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 147, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 147, 255);  
box-shadow:4px 4px 4px 4px rgb(179, 147,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 61.3768, 29.4945, -53.0546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 147, 255) }
```

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

```
.background{ background-color: rgb(179,  
147, 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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