

# Converting Colors

HunterLab(57.5621, 28.5544,  
-100.9661)

Have a look what the booklet for  
HunterLab(57.5621, 28.5544,  
-100.9661) contains.

<b>HunterLab(54.9949, 15.5037, -67.8375)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(54.9949, 15.5037,  
-67.8375)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6F8FFF
RGB	111, 143, 255
RGB Percent	44%, 56%, 100%
CMY	0.5647, 0.4392, 0.0000
CMYK	0.56, 0.44, 0.00, 0.00
HSL	227°, 100%, 72%
HSV	227°, 56%, 100%
XYZ	34.4280, 30.2444, 98.6309
YIQ	146.2000, -55.0240, 28.0480

# Conversions

## Conversions Part 2

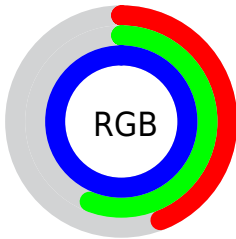
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">111, 137, 255</a>
Decimal	<a href="#">7311359</a>
CIELab	<a href="#">61.87, 20.80, -59.26</a>
CIELCh	<a href="#">62, 62.807, 289.337</a>
Yxy	<a href="#">30.2453, 0.2108, 0.1852</a>
Android (android.graphics.Color)	<a href="#">4285501439 (0xFF6F8FFF)</a>
YUV	<a href="#">146.2000, 53.6384, -30.8704</a>
Hunter-Lab	<a href="#">54.9949, 15.5037, -67.8375</a>

# Details

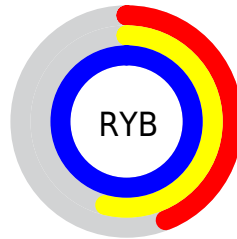
The HunterLab color **54.9949, 15.5037, -67.8375** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **86.7100, -6.6146, 43.0299**, and the grayscale version is **53.5022, -2.8547, 2.9069**.

A 20% lighter version of the original color is **74.4028, 0.7489, -29.5311**, and **35.1814, 14.6488, -68.1019** is the 20% darker color. If you saturate the color by 10%, you get **48.3556, 22.2302, -85.8153**, and if you desaturate by 10%, it is **62.1553, 9.9900, -51.7717**.

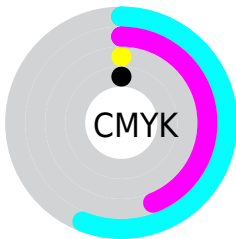
# Distribution



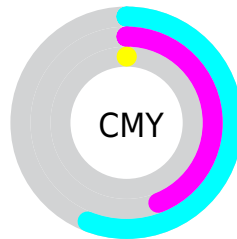
- Red (44%)
- Green (56%)
- Blue (100%)



- Red (44%)
- Yellow (54%)
- Blue (100%)



- Cyan (56%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (44%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 54.9949, 15.5037, -67.8375 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 54.9949, 15.5037, -67.8375 by changing the saturation by 10% instead.




 54.9949, 15.5037,  
-67.8375

 54.9949, 15.5037,  
-67.8375


174.0823, 16.9078,  
-74.6619


 44.7492, 14.9810,  
-67.4463


 77.4919, 16.2805,  
-69.1760

 35.2323, 14.3517,  
-67.4600


 89.6677, 16.5518,  
-69.9675

 26.5060, 13.6000,  
-68.2321


 102.4217, 16.7546,  
-70.7837

 18.6499, 12.7058,  
-70.5441

115.7290, 16.8945,  
-71.6016

 11.7736, 11.6473,  
-76.4499

129.5674, 16.9760,  
-72.4066

 4.5443, 19.6992,  
-126.5611

143.9171, 17.0032,

0.0000, NaN, -NF

-73.1889

0.0000, NaN, -NF

158.7607, 16.9795,  
-73.9420

0.0000, NaN, -NF

■ 54.9949, 15.5037,  
-67.8375

■ 54.9949, 15.5037,  
-67.8375

■ 48.3556, 22.2302,  
-85.8153

■ 62.1553, 9.9900,  
-51.7717

■ 42.3649, 30.3427,  
-105.7681

■ 69.7373, 5.4719,  
-37.3670

■ 37.1913, 39.8233,  
-127.2082

■ 77.6702, 1.7533,  
-24.3286

■ 33.0262, 50.1778,  
-148.6149

■ 85.9007, -1.3274,  
-12.3914

■ 31.8005, 53.7846,  
-155.8534

■ 94.3883, -3.8976,  
-1.3344

100.0000, -5.3358,  
5.4332

# Harmonies

## Analogous

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



54.9958, -12.2983, -71.9397



54.9949, 15.5037, -67.8375



54.9958, 42.7043, -40.3801

# Triad

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



54.9958, 15.5042, -67.8355



54.9958, 35.5267, 28.9648



54.9958, -45.5283, 11.4388

# Complementary

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



54.9949, 15.5037, -67.8375



86.7100, -6.6146, 43.0299

# 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.



54.9958, -37.2983, 26.5707



54.9949, 15.5037, -67.8375



54.9958, 7.0947, 32.8990

# Square

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



54.9958, 15.5042, -67.8355



54.9958, 55.7311, 17.0691



54.9958, -19.2295, 32.3102



54.9958, -44.1504, -16.1938



# Rectangle

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



54.9949, 15.5037, -67.8375



54.9958, 55.1576, -17.6527



54.9958, -19.2295, 32.3102



54.9958, -43.8686, 17.8341

# Sweetspot

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



54.9958, 15.5042, -67.8355



85.4559, -1.1773, -13.0027



89.5220, -46.1579, 8.8635



38.7620, -0.2764, -7.0940

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



54.9958, 15.5042, -67.8355



47.3918, 23.3804, -88.7481



50.0182, 41.6685, -80.5947



42.4643, -1.4641, -2.1330



23.3749, 37.5744, -110.3289



8.2816, 8.7330, -29.2033



# Inverse Universe

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



58.8334, 54.4550, 11.0173



53.4730, 65.4015, 14.3471



93.4658, -35.3674, 47.4328



42.4890, 1.9973, 2.4805



33.5850, 58.0237, 17.7613

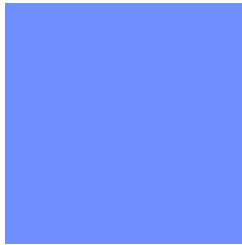


10.5536, 18.3780, 4.4576



# Previews

## White Background



This preview shows how the HunterLab color 54.9949, 15.5037, -67.8375 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

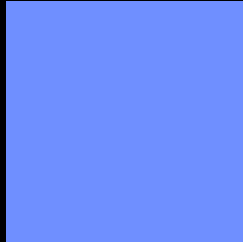
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 54.9949, 15.5037, -67.8375 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

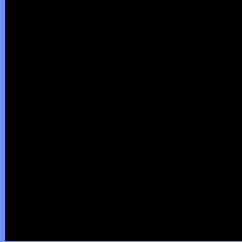
Any Text WCAG AA ✓ Pass

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 54.9949, 15.5037, -67.8375 Background



This preview shows how black text looks on a background with the HunterLab color 54.9949, 15.5037, -67.8375.



This preview shows how white text looks on a background with the HunterLab color 54.9949, 15.5037, -67.8375.

-67.8375.

# 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

54.9949, 15.5037, -67.8375

### Protanopia

54.9886, 12.6522, -67.9030

### Deuteranopia

55.0293, 5.2547, -66.1228



## Tritanopia

55.0011, -19.3585, -9.6145

# Trichromacy



## Original Color

54.9949, 15.5037, -67.8375

## Protanomaly

54.9270, 13.8789, -68.0339

## Deuteranomaly

54.7737, 8.9537, -67.5891

## Tritanomaly

54.4492, -7.9215, -28.1104

# Monochromacy



## Original Color

54.9949, 15.5037, -67.8375

## Achromatopsia

53.6135, -2.8607, 2.9129

## Achromatomaly

53.6493, 1.4741, -18.2543

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 54.9949, 15.5037, -67.8375 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(111, 143, 255)` looks like.

```
.text, #text, p{  
    color:rgb(111, 143, 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(111, 143, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 143, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 54.9949, 15.5037, -67.8375 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(111, 143, 255) }
```



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

```
.border{ border-color:rgb(111, 143, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 143, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 143, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 143, 255);  
box-shadow:4px 4px 4px 4px rgb(111, 143,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 54.9949, 15.5037, -67.8375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 143, 255) }
```

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

```
.background{ background-color: rgb(111,  
143, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor