

# Converting Colors

HunterLab(70.1030, -6.6651,  
-36.9346)

Have a look what the booklet for  
HunterLab(70.1030, -6.6651,  
-36.9346) contains.

<b>HunterLab(69.9954, -6.6298, -37.1232)</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(69.9954, -6.6298,  
-37.1232)**

# Conversions

Conversions Part 1	
Format	Color
Hex	7FBFFF
RGB	127, 191, 255
RGB Percent	50%, 75%, 100%
CMY	0.5019, 0.2510, 0.0000
CMYK	0.50, 0.25, 0.00, 0.00
HSL	210°, 100%, 75%
HSV	210°, 50%, 100%
XYZ	45.4332, 48.9936, 101.6698
YIQ	179.1600, -58.6880, 6.3360

# Conversions

## Conversions Part 2

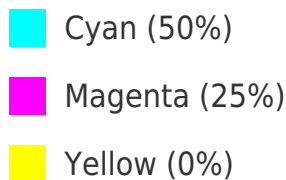
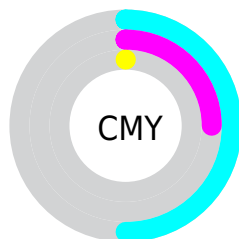
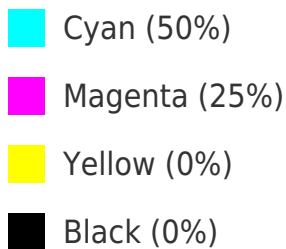
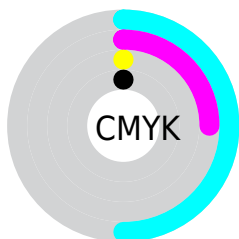
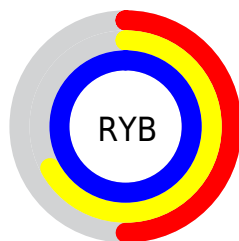
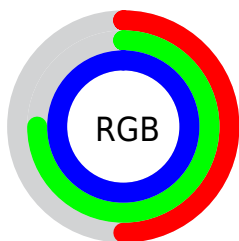
Format	Color
<a href="#">RYB</a>	<a href="#">127, 170, 255</a>
Decimal	<a href="#">8372223</a>
CIELab	<a href="#">75.45, -3.23, -37.81</a>
CIELCh	<a href="#">75, 37.950, 265.124</a>
Yxy	<a href="#">48.9953, 0.2317, 0.2498</a>
Android (android.graphics.Color)	<a href="#">4286562303</a> (0xFF7FBFFF)
YUV	<a href="#">179.1600, 37.3891, -45.7443</a>
Hunter-Lab	<a href="#">69.9954, -6.6298, -37.1232</a>

# Details

The HunterLab color **69.9954, -6.6298, -37.1232** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **77.4954, 11.1132, 32.5836**, and the grayscale version is **67.0752, -3.5790, 3.6443**.

A 20% lighter version of the original color is **91.7500, -21.3413, -4.9744**, and **48.3864, -5.2572, -35.7419** is the 20% darker color. If you saturate the color by 10%, you get **64.7746, -4.6582, -46.7649**, and if you desaturate by 10%, it is **75.5067, -7.7228, -27.8970**.

# Distribution





# Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.9954, -6.6298, -37.1232 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 69.9954, -6.6298, -37.1232 by changing the saturation by 10% instead.





 69.9954, -6.6298,  
-37.1232

 69.9954, -6.6298,  
-37.1232

195.6333,  
-14.5386, -40.9045

 58.8351, -5.8685,  
-36.4827


 94.1724, -8.2266,  
-38.2904

 48.3395, -5.1318,  
-35.8290


 107.1274, -9.0608,  
-38.8078

 38.5548, -4.4200,  
-35.1946


 120.6274, -9.9182,  
-39.2769

 29.5373, -3.7326,  
-34.6496

134.6511,  
-10.7984, -39.6973

 21.3587, -3.0682,  
-34.3488

149.1798,  
-11.7010, -40.0692

 14.1160, -2.4232,  
-34.6832

164.1964,

 7.7664, -2.2245,

-12.6255, -40.3937

-38.0356

179.6855,  
-13.5715, -40.6717

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 69.9954, -6.6298,  
-37.1232

■ 69.9954, -6.6298,  
-37.1232

■ 64.7746, -4.6582,  
-46.7649

■ 75.5067, -7.7228,  
-27.8970

■ 59.8738, -1.6959,  
-56.8210

■ 81.2745, -8.0469,  
-19.0765

■ 55.3287, 2.3515,  
-67.2469

■ 87.2733, -7.7045,  
-10.6302

■ 51.1700, 7.5322,  
-77.9582

■ 93.4799, -6.7855,  
-2.5222

■ 47.4638, 13.6052,

99.8744, -5.3677,

-88.6953

5.2847

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.



69.9966, -22.2916, -28.5924



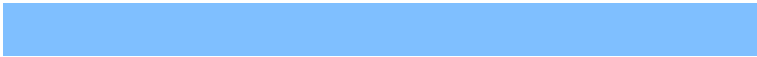
69.9954, -6.6298, -37.1232



69.9966, 11.4283, -32.6374

# Triad

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



69.9966, -6.6301, -37.1211



69.9966, 30.1023, 16.2964



69.9966, -29.7144, 20.0174

# Complementary

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



69.9954, -6.6298, -37.1232



77.4954, 11.1132, 32.5836

# 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.



69.9966, -17.7148, 27.3819



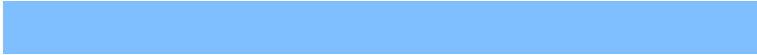
69.9954, -6.6298, -37.1232



69.9966, 16.9738, 25.6409

# Square

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



69.9966, -6.6301, -37.1211



69.9966, 33.8211, 0.9797



69.9966, -0.7994, 29.1475

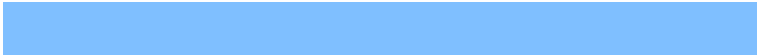


69.9966, -34.7413, 6.5270



# Rectangle

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



69.9954, -6.6298, -37.1232



69.9966, 22.2642, -23.3431



69.9966, -0.7994, 29.1475



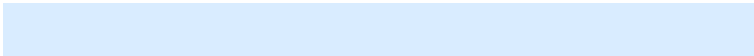
69.9966, -26.4246, 23.1438

# Sweetspot

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



69.9966, -6.6301, -37.1211



90.4723, -7.2940, -6.3792



89.3276, -48.5818, 21.4759



41.2529, -3.4599, -3.7446

0.0000, NaN, NaN

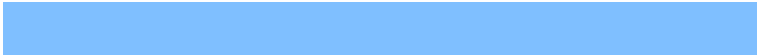


46.2646, -2.4686, 2.5136

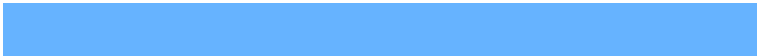


# Same Dimension

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



69.9966, -6.6301, -37.1211



64.8728, -4.7055, -46.5741



51.8775, 27.5552, -75.6767



43.4493, -3.1011, -0.9137



34.7419, 8.9752, -62.7993



11.8052, 0.9853, -16.8825



# Inverse Universe

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



63.4050, 52.9847, -6.0953



58.3071, 63.5142, -6.0570



97.1146, -21.3801, 47.2077



42.5894, 2.5367, 1.0494



34.5636, 61.6146, 3.5486

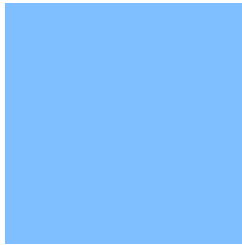


10.8868, 19.5957, -0.3421



# Previews

## White Background



This preview shows how the HunterLab color 69.9954, -6.6298, -37.1232 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

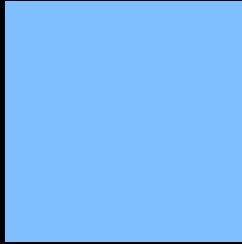
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 69.9954, -6.6298, -37.1232 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

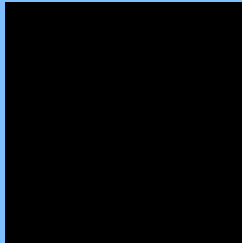
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

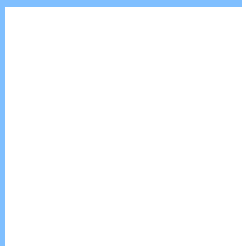
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 69.9954, -6.6298, -37.1232 Background



This preview shows how black text looks on a background with the HunterLab color 69.9954, -6.6298, -37.1232.



This preview shows how white text looks on a background with the HunterLab color 69.9954, -6.6298, -37.1232.



# 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

69.9954, -6.6298, -37.1232

### Protanopia

69.8667, 4.8590, -32.9186

### Deuteranopia

69.8343, 5.2953, -37.1985



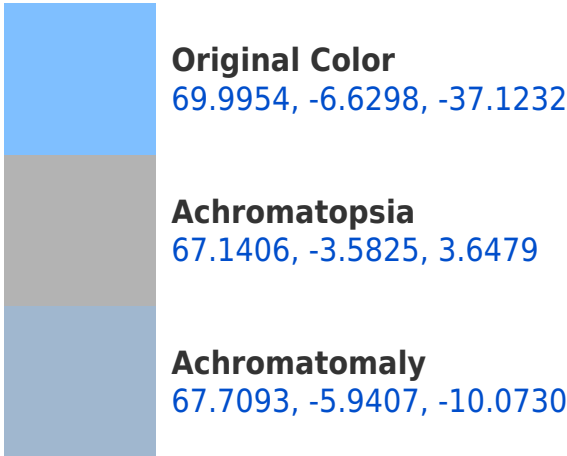
## Tritanopia

69.8717, -21.9504, -11.3133

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 69.9954, -6.6298, -37.1232 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(127, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(127, 191, 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(127, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 191, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 69.9954, -6.6298, -37.1232 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(127, 191, 255) }
```



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

```
.border{ border-color:rgb(127, 191, 255) }
```

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

Here you see how a box with a 4 pixel rgb(127, 191, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 191, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 191, 255);  
box-shadow:4px 4px 4px 4px rgb(127, 191,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 69.9954, -6.6298, -37.1232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 191, 255) }
```

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

```
.background{ background-color: rgb(127,  
191, 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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