

# Converting Colors

HunterLab(70.9079, -14.5750,  
-33.2577)

Have a look what the booklet for  
HunterLab(70.9079, -14.5750,  
-33.2577) contains.

<b>HunterLab(71.0068, -14.6824, -33.4018)</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(71.0068,  
-14.6824, -33.4018)**

# Conversions

## Conversions Part 1

Format	Color
Hex	69C6FC
RGB	105, 198, 252
RGB Percent	41%, 78%, 99%
CMY	0.5882, 0.2235, 0.0118
CMYK	0.58, 0.21, 0.00, 0.01
HSL	202°, 96%, 70%
HSV	202°, 58%, 99%
XYZ	43.5904, 50.4197, 99.5300
YIQ	176.3490, -72.7620, -2.9220

# Conversions

## Conversions Part 2

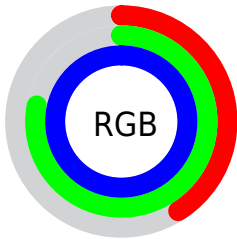
Format	Color
<a href="#">RYB</a>	<a href="#">105, 162, 252</a>
Decimal	<a href="#">6932220</a>
CIELab	<a href="#">76.33, -12.37, -34.92</a>
CIELCh	<a href="#">76, 37.044, 250.490</a>
Yxy	<a href="#">50.4215, 0.2252, 0.2605</a>
Android (android.graphics.Color)	<a href="#">4285122300</a> <a href="#">(0xFF69C6FC)</a>
YUV	<a href="#">176.3490, 37.2959, -62.5731</a>
Hunter-Lab	<a href="#">71.0068, -14.6824, -33.4018</a>

# Details

The HunterLab color **71.0068, -14.6824, -33.4018** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **68.2011, 24.8448, 30.8401**, and the grayscale version is **65.9086, -3.5167, 3.5809**.

A 20% lighter version of the original color is **93.1917, -29.8961, -3.2900**, and **49.1405, -12.1472, -32.2260** is the 20% darker color. If you saturate the color by 10%, you get **67.0904, -13.6299, -40.2865**, and if you desaturate by 10%, it is **75.1947, -14.8345, -26.5419**.

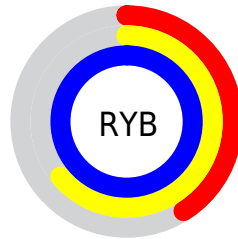
# Distribution



Red (41%)

Green (78%)

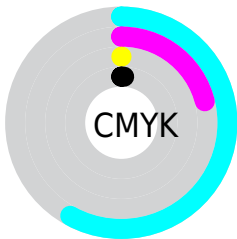
Blue (99%)



Red (41%)

Yellow (64%)

Blue (99%)

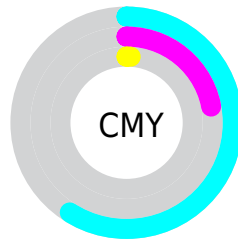


Cyan (58%)

Magenta (21%)

Yellow (0%)

Black (1%)



Cyan (59%)

Magenta (22%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.0068, -14.6824, -33.4018 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 71.0068, -14.6824, -33.4018 by changing the saturation by 10% instead.



71.0068, -14.6824,  
-33.4018

71.0068, -14.6824,  
-33.4018

197.0563,  
-26.0665, -36.5467

59.7900, -13.4373,  
-32.8118

95.2885, -17.1682,  
-34.4448

49.2341, -12.1845,  
-32.1923

108.2924,  
-18.4155, -34.8927

39.3849, -10.9163,  
-31.5660

121.8392,  
-19.6687, -35.2899

30.2974, -9.6211,  
-30.9830

135.9080,  
-20.9293, -35.6369

22.0416, -8.2804,  
-30.5555

150.4802,  
-22.1986, -35.9347

14.7118, -6.8612,  
-30.5657

165.5389,

8.3694, -6.8882,

-23.4774, -36.1847

-32.2887

181.0689,  
-24.7665, -36.3882

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 71.0068, -14.6824,  
-33.4018

■ 71.0068, -14.6824,  
-33.4018

■ 67.0904, -13.6299,  
-40.2865

■ 75.1947, -14.8345,  
-26.5419

■ 63.4553, -11.6266,  
-47.1537

■ 79.6332, -14.1569,  
-19.7475

■ 60.1096, -8.6592,  
-53.9530

■ 84.3060, -12.7274,  
-13.0427

■ 57.0404, -4.8013,  
-60.6647

■ 89.1951, -10.6247,  
-6.4430

■ 56.5440, -4.1118,

■ 94.2837, -7.9230,

-61.7989

0.0439

99.4407, -5.0919,  
6.2746

99.9041, -5.8612,  
6.8015

# Harmonies

## Analogous

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



71.0081, -27.6094, -20.2127



71.0068, -14.6824, -33.4018



71.0081, 2.4368, -35.3522

# Triad

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



71.0081, -14.6823, -33.4004



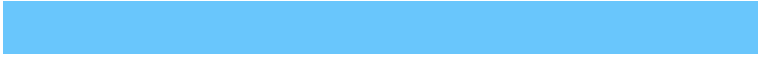
71.0081, 32.4071, 9.4484



71.0081, -24.3432, 24.1504

# Complementary

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



71.0068, -14.6824, -33.4018



68.2011, 24.8448, 30.8401

# 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.



71.0081, -9.8144, 28.6816



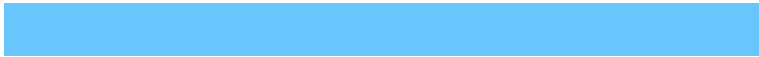
71.0068, -14.6824, -33.4018



71.0081, 23.6466, 21.6633

# Square

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



71.0081, -14.6823, -33.4004



71.0081, 30.7813, -7.6749



71.0081, 7.7956, 27.8974



71.0081, -32.8020, 13.7439



# Rectangle

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



71.0068, -14.6824, -33.4018



71.0081, 14.0958, -29.6117



71.0081, 7.7956, 27.8974



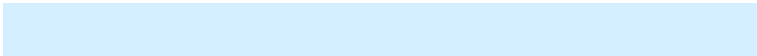
71.0081, -20.0687, 26.2819

# Sweetspot

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



71.0081, -14.6823, -33.4004



91.0726, -10.4403, -5.6557



86.6748, -55.1205, 30.0357



41.6633, -5.0595, -3.2331

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



71.0081, -14.6823, -33.4004



67.3473, -13.5361, -42.0269



49.5982, 23.6227, -79.1169



42.9811, -3.7919, -0.3226



41.1650, -3.5484, -43.7927



13.3104, -2.3192, -11.6305



# Inverse Universe

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



59.0573, 64.0684, -16.1259



54.9461, 76.3171, -17.0198



89.2499, -12.8566, 45.8907



41.7253, 2.7295, 0.3462



34.8160, 63.4753, -7.3611

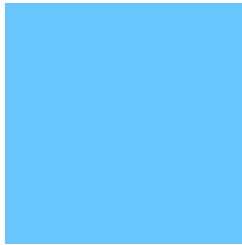


10.6915, 19.6621, -3.5768



# Previews

## White Background



This preview shows how the HunterLab color 71.0068, -14.6824, -33.4018 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

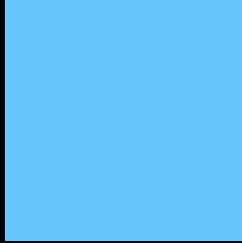
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 71.0068, -14.6824, -33.4018 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

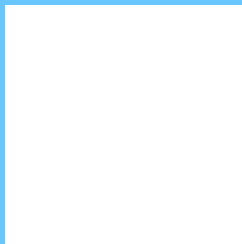
Any Text WCAG AAA ✓ Pass

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

## HunterLab 71.0068, -14.6824, -33.4018 Background



This preview shows how black text looks on a background with the HunterLab color 71.0068, -14.6824, -33.4018.



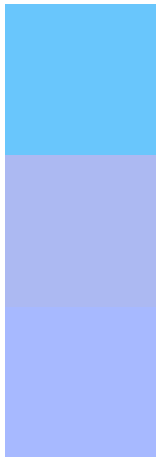
This preview shows how white text looks on a background with the HunterLab color 71.0068,

-14.6824, -33.4018.

# 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

71.0068, -14.6824, -33.4018

### Protanopia

70.6253, 3.7605, -26.9369

### Deuteranopia

70.8050, 5.5082, -35.4957



## Tritanopia

71.1536, -26.8699, -13.0466

# Trichromacy



**Original Color**

71.0068, -14.6824, -33.4018

**Protanomaly**

70.5526, -3.8959, -29.8646

**Deuteranomaly**

70.6484, -2.8521, -35.2076

**Tritanomaly**

71.1398, -22.5836, -20.1867

# Monochromacy



**Original Color**

71.0068, -14.6824, -33.4018

**Achromatopsia**

65.8903, -3.5157, 3.5799

**Achromatomaly**

67.1749, -9.6261, -9.1970

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 71.0068, -14.6824, -33.4018 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(105, 198, 252)` looks like.

```
.text, #text, p{  
    color:rgb(105, 198, 252)  
}
```

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(105, 198, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 198, 252) }
```

## Border

The CSS property to change the border of an element to HunterLab 71.0068, -14.6824, -33.4018 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(105, 198, 252) }
```



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

```
.border{ border-color:rgb(105, 198, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 198, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 198, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 198, 252);  
box-shadow:4px 4px 4px 4px rgb(105, 198,  
252) }
```

# Background

The CSS property to change the background color of an element to HunterLab 71.0068, -14.6824, -33.4018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 198, 252) }
```

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

```
.background{ background-color: rgb(105,  
198, 252) }
```

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