

# Converting Colors

HunterLab(71.3693, -13.6859,  
-11.1468)

Have a look what the booklet for  
HunterLab(71.3693, -13.6859,  
-11.1468) contains.

<b>HunterLab(71.2354, -13.3368, -11.5454)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(71.2354,  
-13.3368, -11.5454)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93C4DA
RGB	147, 196, 218
RGB Percent	58%, 77%, 85%
CMY	0.4235, 0.2314, 0.1451
CMYK	0.33, 0.10, 0.00, 0.15
HSL	199°, 49%, 72%
HSV	199°, 33%, 85%
XYZ	44.4274, 50.7448, 73.7827
YIQ	183.8570, -36.2660, -3.5460

# Conversions

## Conversions Part 2

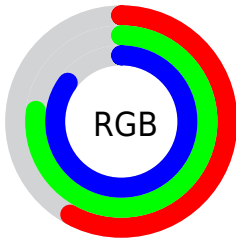
<b>Format</b>	<b>Color</b>
<b>RYB</b>	147, 176, 218
Decimal	9684186
CIELab	76.53, -10.77, -16.14
CIELCh	77, 19.408, 236.281
Yxy	50.7468, 0.2630, 0.3003
Android (android.graphics.Color)	4287874266 (0xFF93C4DA)
YUV	183.8570, 16.8325, -32.3236
Hunter-Lab	71.2354, -13.3368, -11.5454

# Details

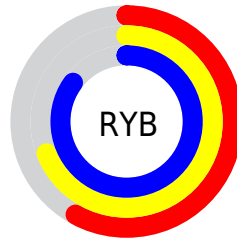
The HunterLab color **71.2354, -13.3368, -11.5454** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **67.3710, 10.2538, 17.3993**, and the grayscale version is **69.1168, -3.6879, 3.7552**.

A 20% lighter version of the original color is **94.9563, -19.9170, -0.9094**, and **49.3660, -10.8195, -11.3864** is the 20% darker color. If you saturate the color by 10%, you get **67.7789, -14.8680, -16.5182**, and if you desaturate by 10%, it is **74.8819, -11.2027, -6.5734**.

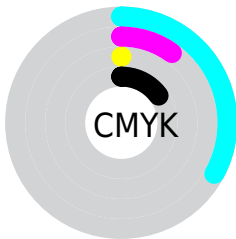
# Distribution



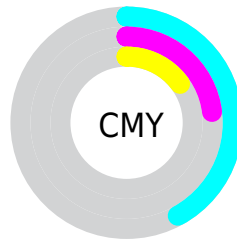
- Red (58%)
- Green (77%)
- Blue (85%)



- Red (58%)
- Yellow (69%)
- Blue (85%)



- Cyan (33%)
- Magenta (10%)
- Yellow (0%)
- Black (15%)



- Cyan (42%)
- Magenta (23%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.2354, -13.3368, -11.5454 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 71.2354, -13.3368, -11.5454 by changing the saturation by 10% instead.



■ 71.2354, -13.3368,  
-11.5454

■ 71.2354, -13.3368,  
-11.5454

197.3776,  
-24.1119, -9.8884

■ 60.0060, -12.1781,  
-11.4715

■ 95.5408, -15.6666,  
-11.5126

■ 49.4366, -11.0170,  
-11.3341

■ 108.5556,  
-16.8413, -11.4161

■ 39.5729, -9.8480,  
-11.1273

122.1129,  
-18.0250, -11.2702

■ 30.4696, -8.6618,  
-10.8472

136.1919,  
-19.2190, -11.0777

■ 22.1966, -7.4433,  
-10.4937

150.7739,  
-20.4240, -10.8412

■ 14.8473, -6.1656,  
-10.0810

165.8421,

■ 8.4994, -5.9775,

-21.6409, -10.5628

-9.8294

181.3813,  
-22.8701, -10.2447

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 71.2354, -13.3368,  
-11.5454

■ 71.2354, -13.3368,  
-11.5454

■ 67.7789, -14.8680,  
-16.5182

■ 74.8819, -11.2027,  
-6.5734

■ 64.5201, -15.7358,  
-21.4721

■ 78.7018, -8.5225,  
-1.6235

■ 61.4712, -15.8878,  
-26.3768

■ 82.6847, -5.3537,  
3.2932

■ 58.6407, -15.2838,  
-31.1984

■ 86.8191, -1.7490,  
8.1689

■ 56.0325, -13.9061,

■ 90.9895, 1.8872,

-35.9030

12.8785

■ 53.6431, -11.7744,  
-40.4645

■ 93.0691, -1.6817,  
15.0633

■ 51.9816, -9.8093,  
-43.7971

■ 95.1807, -5.2256,  
17.2398

■ 97.3228, -8.7440,  
19.4077

■ 98.9151, -11.3120,  
20.9943

# Harmonies

## Analogous

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



71.2368, -18.9454, -3.9620



71.2354, -13.3368, -11.5454



71.2368, -4.9457, -14.9879

# Triad

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



71.2368, -13.3376, -11.5442



71.2368, 14.6717, 2.7803



71.2368, -11.4504, 17.3456

# Complementary

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



71.2354, -13.3368, -11.5454



67.3710, 10.2538, 17.3993

# 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.



71.2368, -2.6568, 18.6761



71.2354, -13.3368, -11.5454



71.2368, 12.7165, 10.9165

# Square

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



71.2368, -13.3376, -11.5442



71.2368, 11.4737, -6.0835



71.2368, 6.2571, 16.4738



71.2368, -17.8952, 12.5802



# Rectangle

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



71.2354, -13.3368, -11.5454



71.2368, 1.2097, -14.1891



71.2368, 6.2571, 16.4738



71.2368, -8.6844, 18.1812

# Sweetspot

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



71.2368, -13.3376, -11.5442



95.1539, -9.2919, -0.4790



76.9319, -32.0742, 18.1790



43.7145, -4.5354, -0.6077

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

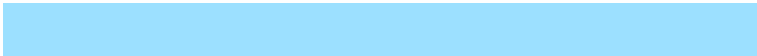


# Same Dimension

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



71.2368, -13.3376, -11.5442



82.2527, -17.2507, -17.8142



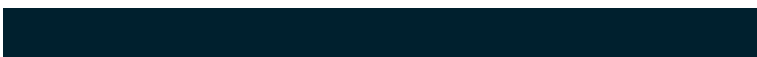
60.6844, 4.0140, -27.3425



37.5677, -3.5627, -0.0375



40.4815, -7.9685, -33.3966



11.0103, -3.0710, -7.1325



# Inverse Universe

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



63.0553, 29.2486, -9.7416



70.9071, 43.4014, -14.6260



77.5266, -7.3655, 26.5311



36.3353, 2.4071, 0.0693



32.0595, 59.1079, -11.8815



8.2527, 15.3755, -4.2992



# Previews

## White Background



This preview shows how the HunterLab color 71.2354, -13.3368, -11.5454 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

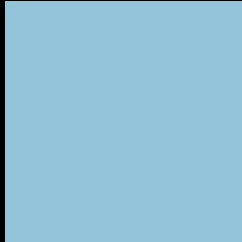
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 71.2354, -13.3368, -11.5454 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

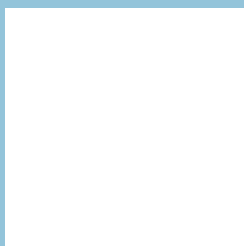
Any Text WCAG AAA ✓ Pass

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

## HunterLab 71.2354, -13.3368, -11.5454 Background



This preview shows how black text looks on a background with the HunterLab color 71.2354, -13.3368, -11.5454.



This preview shows how white text looks on a background with the HunterLab color 71.2354,

-13.3368, -11.5454.

# 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

71.2354, -13.3368, -11.5454

### Protanopia

71.0524, -0.1844, -8.1970

### Deuteranopia

71.1181, 5.2493, -13.1150



## Tritanopia

71.3075, -15.0696, -8.6661

# Trichromacy



## Original Color

71.2354, -13.3368, -11.5454

## Protanomaly

70.9506, -5.0497, -9.5317

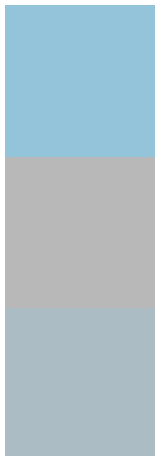
## Deuteranomaly

70.8856, -1.7168, -12.9847

## Tritanomaly

71.3791, -14.6661, -9.6748

# Monochromacy



## Original Color

71.2354, -13.3368, -11.5454

## Achromatopsia

69.2330, -3.6941, 3.7616

## Achromatomaly

69.7208, -7.4634, -1.5804

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 71.2354, -13.3368, -11.5454 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(147, 196, 218)` looks like.

```
.text, #text, p{  
    color:rgb(147, 196, 218)  
}
```

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(147, 196, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 196, 218) }
```

## Border

The CSS property to change the border of an element to HunterLab 71.2354, -13.3368, -11.5454 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".

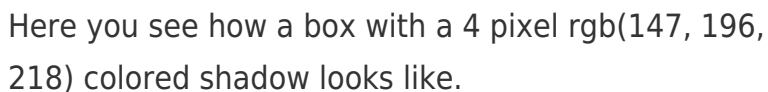
```
.border, #border, table{ border:4px solid rgb(147, 196, 218) }
```



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

```
.border{ border-color:rgb(147, 196, 218) }
```

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



Here you see how a box with a 4 pixel rgb(147, 196, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 196, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 196, 218);  
box-shadow:4px 4px 4px 4px rgb(147, 196,  
218) }
```

# Background

The CSS property to change the background color of an element to HunterLab 71.2354, -13.3368, -11.5454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 196, 218) }
```

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

```
.background{ background-color: rgb(147,  
196, 218) }
```

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