

# Converting Colors

HunterLab(71.2874, -3.8063,  
-30.6798)

Have a look what the booklet for  
HunterLab(71.2874, -3.8063,  
-30.6798) contains.

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# Color

**HunterLab(71.3641, -3.9691,  
-30.5545)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	95C0F9
RGB	149, 192, 249
RGB Percent	58%, 75%, 98%
CMY	0.4157, 0.2470, 0.0235
CMYK	0.40, 0.23, 0.00, 0.02
HSL	214°, 89%, 78%
HSV	214°, 40%, 98%
XYZ	48.3429, 50.9283, 96.9047
YIQ	185.6410, -43.9250, 8.6110

# Conversions

## Conversions Part 2

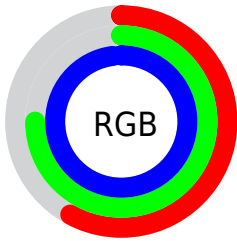
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	149, 179, 249
Decimal	9814265
CIE Lab	76.64, -0.17, -32.66
CIE LCh	77, 32.662, 269.696
Yxy	50.9303, 0.2464, 0.2596
Android (android.graphics.Color)	4288004345 (0xFF95C0F9)
YUV	185.6410, 31.2360, -32.1342
Hunter-Lab	71.3641, -3.9691, -30.5545

# Details

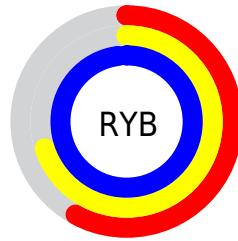
The HunterLab color **71.3641, -3.9691, -30.5545** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **81.5191, 3.0954, 29.6043**, and the grayscale version is **69.8095, -3.7249, 3.7929**.

A 20% lighter version of the original color is **93.5289, -16.5856, -2.6321**, and **49.5965, -3.0757, -29.1086** is the 20% darker color. If you saturate the color by 10%, you get **65.4964, -2.0377, -40.8078**, and if you desaturate by 10%, it is **77.5013, -5.1472, -20.8979**.

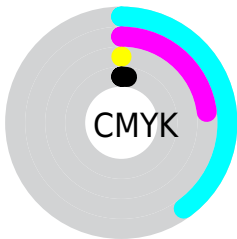
# Distribution



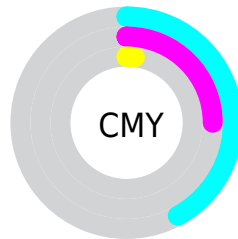
- Red (58%)
- Green (75%)
- Blue (98%)



- Red (58%)
- Yellow (70%)
- Blue (98%)



- Cyan (40%)
- Magenta (23%)
- Yellow (0%)
- Black (2%)



- Cyan (42%)
- Magenta (25%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.3641, -3.9691, -30.5545 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 71.3641, -3.9691, -30.5545 by changing the saturation by 10% instead.



■ 71.3641, -3.9691,  
-30.5545

■ 71.3641, -3.9691,  
-30.5545

197.5583,  
-10.7734, -33.1907

■ 60.1275, -3.3605,  
-30.0090

■ 95.6827, -5.2845,  
-31.4931

■ 49.5505, -2.7863,  
-29.4250

■ 108.7036, -5.9876,  
-31.8850

■ 39.6787, -2.2490,  
-28.8187

122.2669, -6.7192,  
-32.2248

■ 30.5666, -1.7515,  
-28.2288

136.3516, -7.4785,  
-32.5137

■ 22.2838, -1.2972,  
-27.7431

150.9391, -8.2644,  
-32.7532

■ 14.9236, -0.8907,  
-27.5855

166.0126, -9.0760,

■ 8.5716, -0.5460,

-32.9447

-28.6872

181.5570, -9.9126,  
-33.0900

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 71.3641, -3.9691,  
-30.5545

■ 71.3641, -3.9691,  
-30.5545

■ 65.4964, -2.0377,  
-40.8078

■ 77.5013, -5.1472,  
-20.8979

■ 59.9315, 0.7756,  
-51.7209

■ 83.8725, -5.6840,  
-11.7730

■ 54.7147, 4.6042,  
-63.3223

■ 90.4530, -5.6761,  
-3.1089

■ 49.8951, 9.5678,  
-75.5862

■ 97.2210, -5.2042,  
5.1594

■ 45.5237, 15.7316,

■ 99.8096, -6.3797,

-88.3984

8.1515

■ 41.6772, 22.8489,  
-101.4171

# Harmonies

## Analogous

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



71.3655, -18.1939, -25.0794



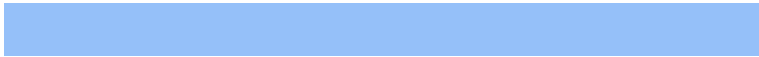
71.3641, -3.9691, -30.5545



71.3655, 11.5119, -25.2874

# Triad

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



71.3655, -3.9695, -30.5530



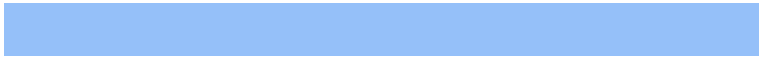
71.3655, 23.8757, 16.5159



71.3655, -27.6949, 16.7256

# Complementary

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



71.3641, -3.9691, -30.5545



81.5191, 3.0954, 29.6043

# 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.



71.3655, -17.9424, 24.3337



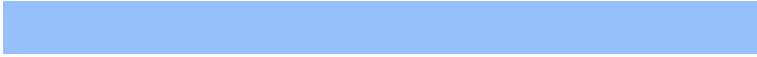
71.3641, -3.9691, -30.5545



71.3655, 11.8082, 24.2320

# Square

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



71.3655, -3.9695, -30.5530



71.3655, 28.3965, 3.7343



71.3655, -3.6538, 26.7627



71.3655, -31.1593, 4.0346



# Rectangle

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



71.3641, -3.9691, -30.5545



71.3655, 20.2901, -16.9231



71.3655, -3.6538, 26.7627



71.3655, -25.0866, 19.8555

# Sweetspot

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



71.3655, -3.9695, -30.5530



91.6642, -5.8716, -4.8136



88.6466, -39.6072, 15.0160



41.9959, -2.7248, -2.7590

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

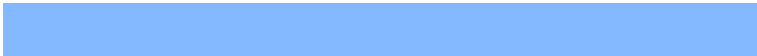


# Same Dimension

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



71.3655, -3.9695, -30.5530



68.5341, -2.5808, -39.6615



59.4735, 20.4583, -52.3414



42.2734, -2.6316, -1.1860



30.9306, 15.7334, -72.6244



10.4497, 2.6237, -18.7250



# Inverse Universe

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



67.4108, 39.1343, -1.6399



64.3726, 49.1598, -1.8668



94.2648, -20.9852, 39.8330



41.6523, 2.3377, 1.3858



33.7294, 59.5301, 8.0932

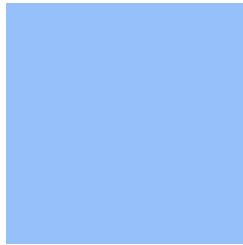


10.3656, 18.4847, 1.0144



# Previews

## White Background



This preview shows how the HunterLab color 71.3641, -3.9691, -30.5545 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

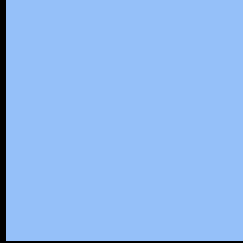
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 71.3641, -3.9691, -30.5545 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

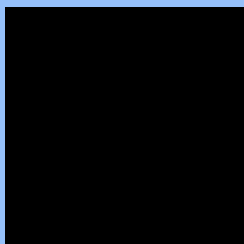
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

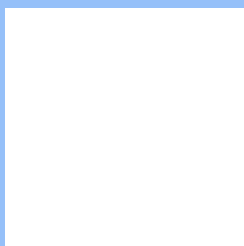
Any Text WCAG AAA ✓ Pass

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

## HunterLab 71.3641, -3.9691, -30.5545 Background



This preview shows how black text looks on a background with the HunterLab color 71.3641, -3.9691, -30.5545.



This preview shows how white text looks on a background with the HunterLab color 71.3641, -3.9691, -30.5545.



# 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

71.3641, -3.9691, -30.5545

### Protanopia

71.1299, 4.1942, -28.1035

### Deuteranopia

71.3472, 5.3583, -31.1008



## Tritanopia

71.2872, -16.7147, -9.2775

# Trichromacy



## Original Color

71.3641, -3.9691, -30.5545

## Protanomaly

71.0723, 1.0179, -28.9224

## Deuteranomaly

71.2468, 1.9607, -31.3279

## Tritanomaly

71.3201, -12.3524, -16.6839

# Monochromacy



## Original Color

71.3641, -3.9691, -30.5545

## Achromatopsia

70.0729, -3.7389, 3.8072

## Achromatomaly

70.3236, -4.4648, -7.6023

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 71.3641, -3.9691, -30.5545 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(149, 192, 249)` looks like.

```
.text, #text, p{  
    color:rgb(149, 192, 249)  
}
```

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(149, 192, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 192, 249) }
```

## Border

The CSS property to change the border of an element to HunterLab 71.3641, -3.9691, -30.5545 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(149, 192, 249) }
```



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

```
.border{ border-color:rgb(149, 192, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 192, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 192, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 192, 249);  
box-shadow:4px 4px 4px 4px rgb(149, 192,  
249) }
```

# Background

The CSS property to change the background color of an element to HunterLab 71.3641, -3.9691, -30.5545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 192, 249) }
```

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

```
.background{ background-color: rgb(149,  
192, 249) }
```

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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