

# Converting Colors

HunterLab(84.5878, -10.4330,  
-63.2078)

Have a look what the booklet for  
HunterLab(84.5878, -10.4330,  
-63.2078) contains.

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# Color

**HunterLab(81.4014,  
-28.6552, -19.2515)**

# Conversions

## Conversions Part 1

Format	Color
Hex	69E5FF
RGB	105, 229, 255
RGB Percent	41%, 90%, 100%
CMY	0.5882, 0.1019, 0.0000
CMYK	0.59, 0.10, 0.00, 0.00
HSL	190°, 100%, 71%
HSV	190°, 59%, 100%
XYZ	51.8950, 66.2619, 104.6623
YIQ	194.8880, -82.2500, -18.2020

# Conversions

## Conversions Part 2

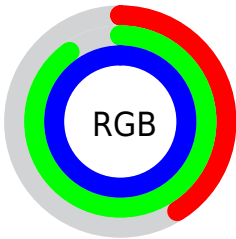
<b>Format</b>	<b>Color</b>
<b>RYB</b>	105, 173, 255
Decimal	6940159
CIELab	85.13, -27.24, -23.02
CIELCh	85, 35.664, 220.197
Yxy	66.2643, 0.2329, 0.2974
Android (android.graphics.Color)	4285130239 (0xFF69E5FF)
YUV	194.8880, 29.6352, -78.8318
Hunter-Lab	81.4014, -28.6552, -19.2515

# Details

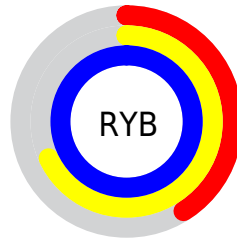
The HunterLab color **81.4014, -28.6552, -19.2515** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **62.0595, 40.6948, 26.1830**, and the grayscale version is **73.7308, -3.9341, 4.0059**.

A 20% lighter version of the original color is **93.3085, -29.4589, -3.1350**, and **58.4064, -24.5077, -18.6736** is the 20% darker color. If you saturate the color by 10%, you get **79.0758, -29.7381, -22.7301**, and if you desaturate by 10%, it is **83.9784, -26.6716, -15.5143**.

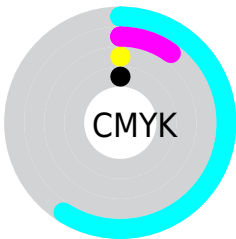
# Distribution



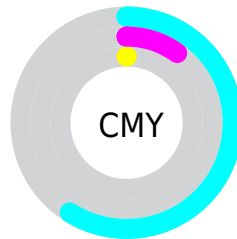
- Red (41%)
- Green (90%)
- Blue (100%)



- Red (41%)
- Yellow (68%)
- Blue (100%)



- Cyan (59%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (59%)
- Magenta (10%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 81.4014, -28.6552, -19.2515 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 81.4014, -28.6552, -19.2515 by changing the saturation by 10% instead.



81.4014, -28.6552,  
-19.2515

81.4014, -28.6552,  
-19.2515

211.4997,  
-45.7278, -19.1439

69.6326, -26.6328,  
-19.0016

106.7078,  
-32.5837, -19.5714

58.4916, -24.5556,  
-18.6927

120.1908,  
-34.5050, -19.6511

48.0177, -22.4073,  
-18.3215

134.1982,  
-36.4055, -19.6801

38.2565, -20.1645,  
-17.8896

148.7111,  
-38.2899, -19.6608

29.2644, -17.7919,  
-17.4057

163.7125,  
-40.1616, -19.5955

21.1139, -15.2329,  
-16.8976

179.1869,

13.9028, -12.3891,

-42.0236, -19.4864

-16.4500

195.1202,  
-43.8783, -19.3353

■ 7.5368, -13.1894,  
-17.2219

0.0000, NaN, -NF

■ 81.4014, -28.6552,  
-19.2515

■ 81.4014, -28.6552,  
-19.2515

■ 79.0758, -29.7381,  
-22.7301

■ 83.9784, -26.6716,  
-15.5143

■ 76.9916, -29.9235,  
-25.9379

■ 86.8022, -23.8096,  
-11.5513

■ 75.1366, -29.2558,  
-28.8680

■ 89.8698, -20.1135,  
-7.3906

■ 73.4776, -27.8599,  
-31.5514

■ 93.1739, -15.6396,  
-3.0629

■ 73.2878, -27.6742,  
-31.8627

■ 96.7051, -10.4517,  
1.4021

100.0000, -5.3358,  
5.4332

# Harmonies

## Analogous

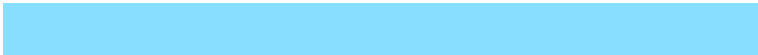
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.4029, -35.0959, -1.4867



81.4014, -28.6552, -19.2515



81.4029, -15.5167, -32.1211

# Triad

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



81.4029, -28.6557, -19.2494



81.4029, 30.0634, -7.2682



81.4029, -10.2622, 30.2076

# Complementary

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



81.4014, -28.6552, -19.2515



62.0595, 40.6948, 26.1830

# 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.



81.4029, 7.4578, 29.3061



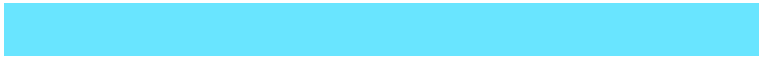
81.4014, -28.6552, -19.2515



81.4029, 31.7732, 9.9352

# Square

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



81.4029, -28.6557, -19.2494



81.4029, 18.7059, -24.2481



81.4029, 23.1963, 22.6165

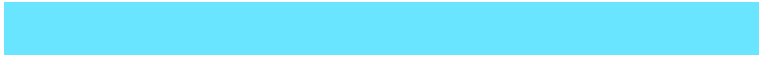


81.4029, -25.0910, 25.4139

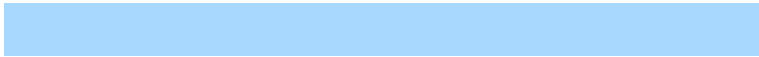


# Rectangle

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



81.4014, -28.6552, -19.2515



81.4029, -4.2314, -34.8600



81.4029, 23.1963, 22.6165



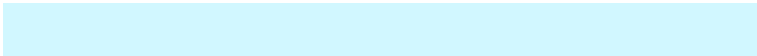
81.4029, -4.4642, 30.5310

# Sweetspot

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



81.4029, -28.6557, -19.2494



93.4552, -15.2399, -2.7013



87.2557, -59.3798, 38.3751



42.7783, -7.6964, -1.8411

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



81.4029, -28.6557, -19.2494



78.6012, -29.8542, -23.4529



58.0242, 7.9702, -60.7778



44.6252, -5.0095, 0.5056



53.1614, -20.2514, -22.7302



16.9893, -6.8496, -6.4488



# Inverse Universe

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



60.8457, 70.8170, -33.5032



56.1357, 83.2926, -38.1503



81.2059, 2.1348, 40.3168



42.7120, 3.1934, -0.6929



36.8524, 69.8189, -28.1868

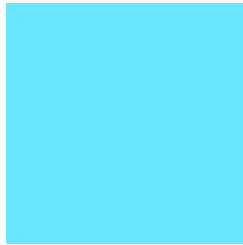


11.5582, 21.9939, -9.5860



# Previews

## White Background



This preview shows how the HunterLab color 81.4014, -28.6552, -19.2515 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

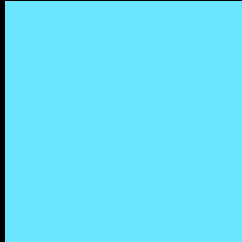
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 81.4014, -28.6552, -19.2515 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

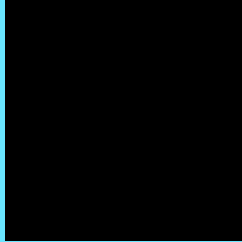
Any Text WCAG AA ✓ Pass

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 81.4014, -28.6552, -19.2515 Background



This preview shows how black text looks on a background with the HunterLab color 81.4014, -28.6552, -19.2515.



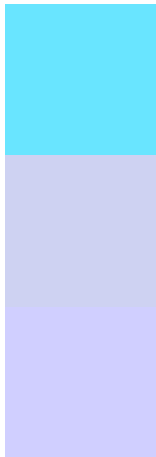
This preview shows how white text looks on a background with the HunterLab color 81.4014, -28.6552, -19.2515.

-28.6552, -19.2515.

# 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

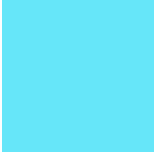
81.4014, -28.6552, -19.2515

### Protanopia

81.0098, 0.4146, -11.5567

### Deuteranopia

80.7809, 5.3015, -19.5687



## Tritanopia

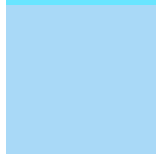
81.3990, -30.8840, -15.6629

# Trichromacy



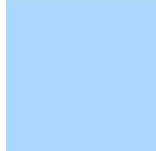
## Original Color

81.4014, -28.6552, -19.2515



## Protanomaly

80.4836, -12.2923, -15.4455



## Deuteranomaly

80.2987, -9.0463, -20.5340



## Tritanomaly

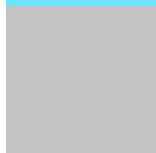
81.5121, -30.3000, -16.6884

# Monochromacy



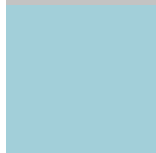
## Original Color

81.4014, -28.6552, -19.2515



## Achromatopsia

73.8732, -3.9417, 4.0137



## Achromatomaly

75.7078, -15.2203, -5.0255

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 81.4014, -28.6552, -19.2515 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, 229, 255)` looks like.

```
.text, #text, p{  
    color:rgb(105, 229, 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(105, 229, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 229, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 81.4014, -28.6552, -19.2515 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, 229, 255) }
```



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

```
.border{ border-color:rgb(105, 229, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 229, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 229, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 229, 255);  
box-shadow:4px 4px 4px 4px rgb(105, 229,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 81.4014, -28.6552, -19.2515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 229, 255) }
```

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

```
.background{ background-color: rgb(105,  
229, 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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