

# Converting Colors

HunterLab(83.1532, -26.7952,  
-21.5017)

Have a look what the booklet for  
HunterLab(83.1532, -26.7952,  
-21.5017) contains.

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# Color

**HunterLab(82.8119,  
-28.5743, -17.2073)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73E8FF
RGB	115, 232, 255
RGB Percent	45%, 91%, 100%
CMY	0.5490, 0.0902, 0.0000
CMYK	0.55, 0.09, 0.00, 0.00
HSL	190°, 100%, 73%
HSV	190°, 55%, 100%
XYZ	53.9769, 68.5781, 104.9998
YIQ	199.6390, -77.1150, -17.6510

# Conversions

## Conversions Part 2

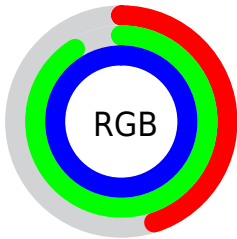
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 179, 255
Decimal	7596287
CIE <sub>Lab</sub>	86.30, -26.87, -21.22
CIE <sub>LCh</sub>	86, 34.239, 218.302
Yxy	68.5806, 0.2372, 0.3014
Android (android.graphics.Color)	4285786367 (0xFF73E8FF)
YUV	199.6390, 27.2930, -74.2284
Hunter-Lab	82.8119, -28.5743, -17.2073

# Details

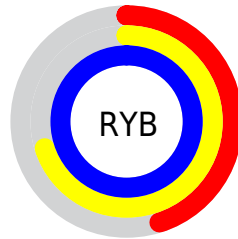
The HunterLab color **82.8119, -28.5743, -17.2073** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **63.7777, 37.9110, 24.8828**, and the grayscale version is **75.7577, -4.0422, 4.1161**.

A 20% lighter version of the original color is **93.7924, -27.6540, -2.4951**, and **59.7188, -24.5308, -16.6735** is the 20% darker color. If you saturate the color by 10%, you get **80.4699, -30.1083, -20.6487**, and if you desaturate by 10%, it is **85.4057, -26.1450, -13.5093**.

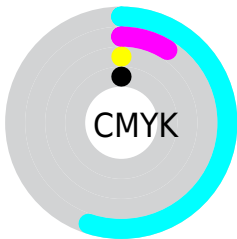
# Distribution



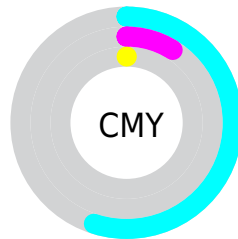
- Red (45%)
- Green (91%)
- Blue (100%)



- Red (45%)
- Yellow (70%)
- Blue (100%)



- Cyan (55%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (9%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 82.8119, -28.5743, -17.2073 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 82.8119, -28.5743, -17.2073 by changing the saturation by 10% instead.



82.8119, -28.5743,  
-17.2073

82.8119, -28.5743,  
-17.2073

213.4363,  
-45.4865, -16.5702

70.9720, -26.5774,  
-17.0203

108.2508,  
-32.4586, -17.4026

59.7559, -24.5285,  
-16.7740

121.7959,  
-34.3602, -17.4213

49.2021, -22.4125,  
-16.4637

135.8632,  
-36.2424, -17.3903

39.3552, -20.2071,  
-16.0886

150.4338,  
-38.1094, -17.3121

30.2702, -17.8795,  
-15.6525

165.4910,  
-39.9648, -17.1890

22.0171, -15.3773,  
-15.1716

181.0196,

14.6904, -12.6103,

-41.8112, -17.0231

-14.7009

197.0056,  
-43.6511, -16.8163

■ 8.3486, -14.4700,  
-14.6839

0.0000, NaN, -NF

■ 82.8119, -28.5743,  
-17.2073

■ 82.8119, -28.5743,  
-17.2073

■ 80.4699, -30.1083,  
-20.6487

■ 85.4057, -26.1450,  
-13.5093

■ 78.3714, -30.7395,  
-23.8193

■ 88.2455, -22.8490,  
-9.5882

■ 76.5070, -30.4977,  
-26.7081

■ 91.3276, -18.7352,  
-5.4719

■ 74.8552, -29.4607,  
-29.3255

■ 94.6442, -13.8627,  
-1.1905

■ 74.0707, -28.7172,  
-30.5896

■ 98.1859, -8.2961,  
3.2272

100.0000, -5.3358,  
5.4332

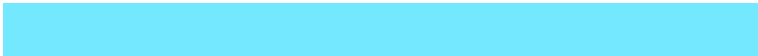
# Harmonies

## Analogous

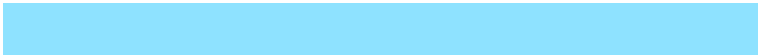
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.8134, -34.3855, -0.1150



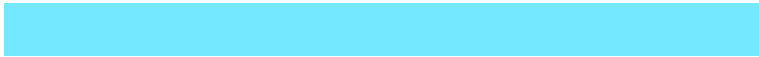
82.8119, -28.5743, -17.2073



82.8134, -16.1799, -29.9532

# Triad

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



82.8134, -28.5749, -17.2051



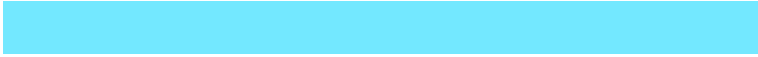
82.8134, 28.2348, -7.8494



82.8134, -9.0962, 29.7775

# Complementary

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



82.8119, -28.5743, -17.2073



63.7777, 37.9110, 24.8828

# 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.



82.8134, 8.0284, 28.5326



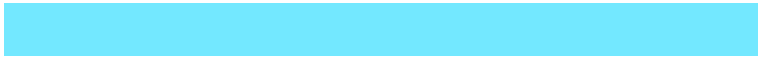
82.8119, -28.5743, -17.2073



82.8134, 30.5163, 8.8785

# Square

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



82.8134, -28.5749, -17.2051



82.8134, 16.8552, -23.8372



82.8134, 22.8590, 21.5768

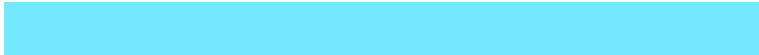


82.8134, -23.7488, 25.4081

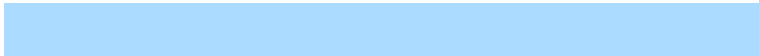


# Rectangle

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



82.8119, -28.5743, -17.2073



82.8134, -5.3908, -33.0434



82.8134, 22.8590, 21.5768



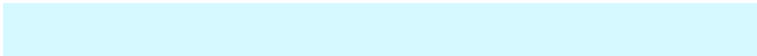
82.8134, -3.4510, 29.9810

# Sweetspot

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



82.8134, -28.5749, -17.2051



94.2679, -14.4343, -1.6690



87.7172, -57.3018, 37.3023



43.2905, -7.1619, -1.1840

0.0000, NaN, NaN

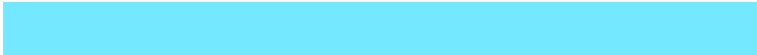


46.2646, -2.4686, 2.5136



# Same Dimension

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



82.8134, -28.5749, -17.2051



80.2270, -30.2217, -21.0114



61.1702, 4.9994, -53.9195



44.6581, -5.0621, 0.5447



53.7183, -20.9916, -21.8284



17.1433, -7.0511, -6.2064



# Inverse Universe

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



62.7292, 66.4713, -32.3438



57.9599, 78.8504, -37.5078



81.6344, 2.3435, 38.5621



42.7155, 3.2120, -0.7421



36.9338, 70.1062, -29.2806

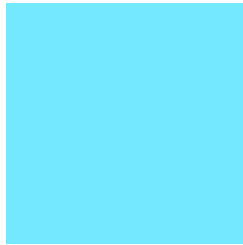


11.5812, 22.0747, -9.8927



# Previews

## White Background



This preview shows how the HunterLab color 82.8119, -28.5743, -17.2073 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

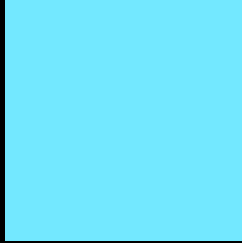
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 82.8119, -28.5743, -17.2073 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 82.8119, -28.5743, -17.2073 Background



This preview shows how black text looks on a background with the HunterLab color 82.8119, -28.5743, -17.2073.



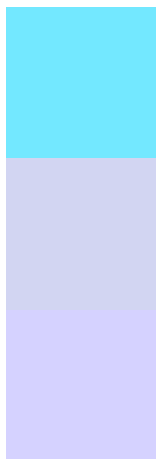
This preview shows how white text looks on a background with the HunterLab color 82.8119, -28.5743, -17.2073.

-28.5743, -17.2073.

# 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

82.8119, -28.5743, -17.2073

### Protanopia

82.2806, 0.0567, -9.8303

### Deuteranopia

82.1336, 5.2171, -17.5930



## Tritanopia

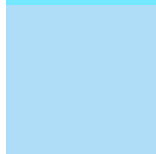
82.9580, -30.0805, -14.6366

# Trichromacy



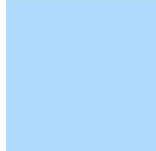
## Original Color

82.8119, -28.5743, -17.2073



## Protanomaly

81.8632, -12.2996, -13.5032



## Deuteranomaly

81.6761, -9.0675, -18.5075



## Tritanomaly

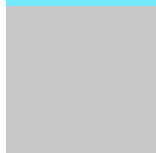
82.9961, -29.8600, -15.1713

# Monochromacy



## Original Color

82.8119, -28.5743, -17.2073



## Achromatopsia

75.9987, -4.0551, 4.1292



## Achromatomaly

77.9033, -15.2953, -3.7964

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 82.8119, -28.5743, -17.2073 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(115, 232, 255)` looks like.

```
.text, #text, p{  
    color:rgb(115, 232, 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(115, 232, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 232, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 82.8119, -28.5743, -17.2073 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(115, 232, 255) }
```



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

```
.border{ border-color:rgb(115, 232, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 232, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 232, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 232, 255);  
box-shadow:4px 4px 4px 4px rgb(115, 232,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 82.8119, -28.5743, -17.2073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 232, 255) }
```

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

```
.background{ background-color: rgb(115,  
232, 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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